

One Brand - Bright Choices



NEC Display Solutions

# Product Overview

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Contents	Page
Desktop Displays	4
Colour Critical Displays	8
Medical Displays	9
Large Format Displays	10
Multitouch Large Format Displays	18
Large Format Displays Options	20
LED Modules	22
Software	24
Professional Service	27
Projectors	28
Projector Options	34
Digital Cinema Projectors	35

NEC brings together and integrates technology and expertise to create the ICT-enabled society of tomorrow.



## Performance You Can Trust

NEC stands for product quality and design perfection with a reputation for superior performance and reliability, backed by an enviable pan-European support infrastructure. Focused on its customers' needs, NEC pioneers new technological advances which deliver uncompromising quality, durability and performance with a strong commitment to ecological objectives. Engineered to an exceptionally high standard, NEC brings innovation to its products to address genuine business needs; our products are ready for the most demanding mission critical applications - out of the box.

NEC Display Solutions brings together technology and expertise; every day, our innovative solutions for society contribute to greater safety, security, efficiency and equality, and enable people to live brighter lives. It is through partnership and collaboration that NEC Display Solutions is able to address specific needs across a broad range of sectors, orchestrating each project to ensure all its parts are fine-tuned to meet the customers' needs. With the widest portfolio of display and projection solutions on the market, NEC is a Total Display Solutions Provider, trusted by AV professionals the world over.





# Desktop Displays



With a comprehensive range of Display Solutions on the market, NEC has a desktop display for almost any requirement. From mission critical, such as Finance, Medical or Publishing to ecological or commercial applications and all are backed by our three year manufacturer warranty.

## Commercial Entry Level

AS Series Office productivity for cost conscious professionals

## Commercial Enterprise

E Series Future proof displays for the performance-oriented workplace

EA Series For the advanced ergonomic and high performance-oriented workplace

EX Series Special design for demanding workplaces in dedicated scenarios

## Professional

P Series The professional series for demanding office and industrial applications

PA Series The Reference series for demanding precision applications

## Colour Reference

SV Series The Colour Reference series for the ultimate colour accurate performance

## Medical

MD Series DICOM certified displays for primary diagnostics and clinical review for medical applications



## AS Series | Commercial Entry Level

Entry level displays for cost-conscious users offering outstanding value for money and an attractive lifestyle design

22" to 24"

AS Series



## E | EA | EX Series | Commercial Enterprise

Performance-oriented displays ideal for corporate and SMB users. Advanced ergonomics and leading image quality and improved connectivity; these products have all the credentials today that will be demanded tomorrow.

17" to 24"

E Series



19" to 30"

EA Series

24"

EX Series



## P | PA Series | Professional Reference

Ideal for demanding precision applications used by creative professionals, photographers and engineers. Superb performance and 10-bit P-IPS image quality with a wide range of innovative features and upgraded connectivity, all packed into a new ergonomically designed housing.

21" to 24"

P Series

24" to 32"

PA Series



## AS Series | Commercial Entry Level E Series | Commercial Enterprise

AccuSync® Model / MultiSync® Model	AS222WM	AS242W	E171M	E203Wi	E221N	E223W	E224Wi	E233WM	E232WMT
Order Code	60003496 (BK)	60003810 (BK)	60003582 (BK) 60003581 (WH)	60003804 (BK) 60003805 (WH)	60004224 (BK) 60004223 (WH)	60003334 (BK) 60003335 (WH)	60003584 (BK) 60003583 (WH)	60003806 (BK) 60003807 (WH)	60003680 (BK)
Panel Technology	TN / W-LED	W-LED TN TFT	TN / W-LED	IPS / W-LED	IPS / W-LED	TN / W-LED	IPS / W-LED	TN / W-LED	IPS / W-LED
Screen Size [inch / cm]	21.5 / 54.6	24 / 61	17.0 / 43.2	20.0 / 50.8	21.5 / 54.62	22.0 / 55.9	21.5 / 54.6	23.0 / 58.4	23.0 / 58.4
Aspect Ratio	16:9	16:9	5:4	16:9	16:9	16:10	16:9	16:9	16:9
Brightness (typ.) [cd/m <sup>2</sup> ]	250	250	250	250	250	250	250	250	250
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1
Viewing Angle Hor / Vert [°]	170 / 160	170 / 160	170 / 160	178 / 178	178 / 178	170 / 160	178 / 178	170 / 160	170 / 170
Response Time (typ. G to G) [ms]	5	5	5	6	6	5	6	5	6
Colours [Mio.]	16.77	16.77	16.77	16.77	16.77	16.77	16.77	16.77	16.77
Resolution at 60 Hz	1920 x 1080	1920 x 1080	1280 x 1024	1600 x 900	1920 x 1080	1680 x 1050	1920 x 1080	1920 x 1080	1920 x 1080
Connectivity	DVI-D, VGA	DVI-D, VGA	DVI-D, VGA	DP, DVI-D, VGA	DP, HDMI	DP, DVI-D, VGA	DP, DVI-D, VGA	DP, DVI-D, VGA	HDMI, DVI-D, VGA
Power Use Max / ECO [W]	27 / 13	24 / 13	19 / 9	17 / 11	25 / 15	24 / 12	25 / 16	24 / 13	52 / 20
Power Saving Mode [W]	0.35	0.35	0.15	0.35	0.29	0.35	0.4	0.35	0.8
Internal Power Supply	•	•	•	•	•	•	•	•	•
Height Adjustable Stand [mm]	-	-	50	110	110	110	110	110	54
Other Ergonomics	tilt	tilt	tilt	tilt, swivel, rotate	tilt, swivel	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate, flat
Bezel Width T - B / L - R [mm]	15.8 / 14.7	19.0 / 19.0	17.5 / 14.2	17.6 / 15.2	1 / 1	15.8 / 13.9	15.8 / 14.7	16.8 / 16.4	-
Dimensions with stand (W x H x D) [mm]	507 x 364 x 205	571 x 400 x 211	368 x 358 x 230	466 x 350 x 213	488 x 360 x 214	503 x 383 x 213	507 x 364 x 213	544 x 374 x 213	561 x 362 x 249
Weight with stand [kg]	4.1	4.0	4.2	4.9	5.0	4.9	5.9	5.7	7.6
TCO	6.0	6.0	6.0	6.0	7.0	6.0	6.0	6.0	6.0
NaViSet	•	•	•	•	•	•	•	•	•
Multi-Touch	-	-	-	-	-	-	-	-	•

## E Series | Commercial Enterprise

## EA Series | Commercial Enterprise

MultiSync® Model	E241N	E243Wmi	E245Wmi	EA193Mi	EA223WM	EA224Wmi	EA234Wmi	EA244Wmi	EA245Wmi
Order Code	60004224 (BK)	60003681 (BK) 60003682 (WH)	60004113 (BK) 60004148 (WH)	60003586 (BK) 60003585 (WH)	60003294 (BK) 60003293 (WH)	60003336 (BK) 60003337 (WH)	60003588 (BK) 60003587 (WH)	60003414 (BK) 60003409 (WH)	60003811 (BK) 60003812 (WH)
Panel Technology	IPS / W-LED	IPS / W-LED	PLS TFT / W-LED	IPS / W-LED	TN / W-LED	IPS / W-LED	IPS / W-LED	IPS / W-LED	IPS / W-LED
Screen Size [inch / cm]	21.5 / 54.62	23.8 / 60.5	24.1 / 61.13	19.0 / 48.3	22.0 / 55.9	21.5 / 54.6	23.0 / 58.4	24.1 / 61.2	24.1 / 61.2
Aspect Ratio	16:9	16:9	16:10	5:4	16:10	16:9	16:9	16:10	16:10
Brightness (typ.) [cd/m <sup>2</sup> ]	250	250	250	250	250	250	250	350	300
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178	170 / 160	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	6	6	6	6	5	6	6	6	6
Colours [Mio.]	16.77	16.77	16.77	16.77	16.77	16.77	16.77	16.77	16.77
Resolution at 60 Hz	1920 x 1080	1920 x 1080	1920 x 1080	1280 x 1024	1680 x 1050	1920 x 1080	1920 x 1080	1920 x 1200	1920 x 1200
Connectivity	DP, HDMI	DP, DVI-D, VGA	DP, DVI-D, mini D-sub	DP, DVI-D, VGA	DP, DVI-D, USB, VGA	DP, DVI-D, HDMI, USB, VGA	DVI-D, HDMI, USB, DP, VGA	DVI-D, HDMI, USB, DP, VGA	DP, DVI-D, HDMI, USB3 (1 up / 2 down), USB 2 (1 down), mini D-sub
Power Use Max / ECO [W]	25 / 15	26 / 13	24 / 16	18 / 10	25 / 12	26 / 15	27 / 16	29 / 16	29 / 16
Power Saving Mode [W]	0.29	0.4	0.26	0.35	0.4	0.43	0.41	0.47	0.47
Internal Power Supply	•	•	•	•	•	•	•	•	•
Height Adjustable Stand [mm]	110	110	110	110	130	130	130	130	110
Other Ergonomics	tilt, swivel	tilt, swivel, rotate	tilt, swivel, rotate, low blue light, flicker free	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate, low blue light, flicker free
Bezel Width T - B / L - R [mm]	1 / 1	16.8 / 14.7	17.8 / 17.9	16.5 / 14.9	15.8 / 13.9	15.8 / 14.7	16.4 / 16.0	16.8 / 17.9	6.5
Dimensions with stand (W x H x D) [mm]	488 x 360 x 214	557 x 379 x 213	557 x 395 x 214	408 x 386 x 213	503.5 x 384 x 218	507.4 x 370 x 218	543 x 380 x 218	556 x 408 x 230	556.2 x 408.9 x 230
Weight with stand [kg]	5.0	6.3	5.9	6.0	5.6	6.0	6.4	7.6	7.5
TCO	7.0	6.0	7.0	6.0	5.2	6.0	6.0	6.0	7.0
NaViSet	•	•	•	•	•	•	•	•	•

MultiSync® Model	EA273WMI	EA275WMI	EA275UHD	EA294WMI	EX241UN	EX341R*
Order Code	60003608 (BK) 60003607 (WH)	60003338 (BK) 60003339 (WH)	60003865 (BK) 60003867 (WH)	60003417 (BK) 60003415 (WH)	60004064(BK) 60004065 (WH)	60004231 (BK)
Panel Technology	IPS / W-LED	IPS / W-LED	IPS	IPS / W-LED	IPS / W-LED	VA / W - LED curved
Screen Size [inch / cm]	27.0 / 68.6	27.0 / 68.6	27.0 / 68.6	29.0 / 73.7	23.8 / 60.4	34 / 86.4
Aspect Ratio	16:9	16:9	16:9	21:9	16:9	21:9
Brightness (typ.) [cd/m²]	250	350	350	300	250	290
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1	1000:1	2100:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178	170 / 170	178 / 178
Response Time (typ. G to G) [ms]	6	6	5	6	6	5
Colours [Mio.]	16.77	16.77	1074	16.77	16.77	16.77
Resolution at 60 Hz	1920 x 1080	2560 x 1440	3840 x 2160	2560 x 1080	1920 x 1080	3440 x 1440
Connectivity	DVI-D, HDMI, USB, DP, VGA	DVI-I, HDMI, USB, DP	DVI-D, HDMI, USB, DP, VGA	2 DVI-D, HDMI/MHL, USB, DP, 2 VGA	DisplayPort, DisplayPort out, DVI-D, HDMI, USB 3.0	2 DP, 2 HDMI, DP out, USB 3.0
Power Use Max / ECO [W]	31 / 16	57 / 35	49 / 28	50 / 28	45 / 219	40/ 30
Power Saving Mode [W]	0.48	0.47	0.37	0.8	1.0	1.0
Internal Power Supply	●	●	●	●	●	●
Height Adjustable Stand [mm]	130	130	130	130	100	130
Other Ergonomics	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	low blue light, flicker free	tilt, swivel, rotate, blue light flicker free
Bezel Width T - B / L - R [mm]	19.6 / 19.6	19.6 / 19.6	18.1 / 14.8	18.0 / 15.5	0,8	1.4 / 1.4
Dimensions with stand (W x H x D) [mm]	639 x 417 x 230	639 x 417 x 230	639 x 417 x 230	705 x 410 x 230	537.8 x 369.7 x 204.3	808 x 419 x 230
Weight with stand [kg]	8.7	8.7	9.1	9.6	5.6	15
TCO	6.0	6.0	6.0	6.0	7.0	7.0

P Series | Professional Reference

PA Series | Professional Reference

MultiSync® Model	P212	P242W	PA242W-SV2	PA272W-SV2	PA302W-SV2	PA322 UHD-2-SV2
Order Code	60003862 (BK) 60003989 (WH)	60003419 (BK) 60003418 (WH)	60003948 (BK) 60003947 (WH)	60003949 (BK)	60003950 (BK)	60004138 (BK)
Panel Technology	IPS / LED	IPS / W-LED	AH-IPS / GB-R LED			IPS / W-LED
Screen Size [inch / cm]	21.3 / 54.1	24.1 / 61.2	24.1 / 61.2	27.0 / 68.6	29.8 / 75.7	31.5 / 80
Aspect Ratio	4:3	16:10	16:10	16:9	16:10	16:9
Colour Gamut AdobeRGB/sRGB Coverage [%]	77.0 / 97.9	78.4 / 99.6	99.3 / 100	99.3 / 100	99.3 / 100	99.2 / 100
Brightness (typ.) [cd/m²]	440	350	340	340	340	350
Contrast (typ.)	1500:1	1000:1	1000:1	1000:1	1000:1	1000:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	176 / 176
Response Time (typ. G to G) [ms]	8	8	8	7	7	10
Colours [Mio.]	1074	16.77	1074	1074	1074	1074
Resolution at 60 Hz	1600 x 1200	1920 x 1200	1920 x 1200	2560 x 1440	2560 x 1600	3840 x 2160
Connectivity	DP, Mini DP, HDMI, DVI-D, USB 3.0 (3 down / 1 up)	DP, Mini DP, HDMI, DVI-D, USB 2.0 (3 down / 2 up)	DP, Mini DP, HDMI, DVI-D, USB 2.0 (3 down / 2 up)			DP, HDMI, DVI-D, USB 3.0 (3 down / 2 up)
Power Use Max / ECO [W]	57 / 24	30 / 17	56 / 28	73 / 37	87 / 47	95 / 48
Power Saving Mode [W]	0.5	1	2	1.4	1.4	5
Internal Power Supply	●	●	●	●	●	●
Height Adjustable Stand [mm]	150	150	150	150	150	150
Other Ergonomics	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate
Bezel Width T - B / L - R [mm]	16.8 / 16.2	18.2 / 18.2	18.2 / 18.2	20.0 / 20.3	22.0 / 22.4	22.5 / 21.9
Dimensions with stand (W x H x D) [mm]	466 x 375 x 228	557 x 378 x 228	557 x 378 x 228	640 x 396 x 236	688 x 466 x 302	745 x 469 x 302
Weight with stand [kg]	8.0	10.2	10.6	12.9	17.0	20.5
TCO	-	6.0	-	-	-	-
NaViSet Administrator 2	●	●	●	●	●	●
MultiProfiler Software	●	●	●	●	●	●
SpectraView II	Optional	Optional	●	●	●	●

\* Specification subject to change until launch



## SpectraView® | Colour Reference

The perfect choice for creative professionals. SpectraView® LCDs with the latest AH-IPS panel technology are designed to meet the highest standards for professional applications where colour fidelity cannot be compromised. SpectraView® displays are individually screened for 0 Pixel defect.

## 24" to 32"

SV Series

For more detailed information please visit:

[www.spectraview.nec-display-solutions.com](http://www.spectraview.nec-display-solutions.com)



**SpectraView®**

## SpectraView | Colour Reference

	SV Ref242	SV Ref272	SV Ref302	SV Ref322 UHD-2
Order Code	60003543	60003545	60003547	60004137
Panel Technology	AH-IPS / G-BR LED	AH-IPS / G-BR LED	AH-IPS / G-BR LED	IPS / W-LED
Screen Size [inch / cm]	24.1 / 61.1	27.0 / 68.5	29.8 / 75.7	31.5 / 80
Aspect Ratio	16:10	16:9	16:10	16:9
Colour Gamut AdobeRGB/sRGB Coverage [%]	99.3 / 100	99.3 / 100	99.3 / 100	99.2 / 100
Brightness (typ.) [cd/m <sup>2</sup> ]	340	340	340	350
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1
Hardware Calibration / Look Up Table	42-bit Colour / 14-bit	42-bit Colour / 14-bit	42-bit Colour / 14-bit	42-bit Colour / 14-bit
Response Time (typ. G to G) [ms]	8	7	6	10
Colours [Mio.]	1074	1074	1074	1074
Resolution at 60 Hz	1920 x 1200	2560 x 1440	2560 x 1600	3840 x 2160
Connectivity	DP, DVI-D, HDMI, VGA, USB 2.0 (3 down / 2 up)	DP, Mini DP, HDMI, DVI-D, USB 2.0 (3 down / 2 up)		OPS FF, 2 DP, 2 DVI-D, 4 HDMI, USB 3.0 (3 down / 2 up)
Power Use Normal / ECO [W]	56 / 28	73 / 37	87 / 47	95 / 48
Power Saving Mode [W]	2	1.4	1.4	5
Internal Power Supply	•	•	•	•
Height Adjustable Stand [mm]	150	150	150	150
Other Ergonomics	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate
Bezel Width T - B / L - R [mm]	18.2 / 18.2	20.0 / 20.3	22.0 / 22.4	22.5 / 21.9
Dimensions with stand (W x H x D) [mm]	557 x 378 x 228	640 x 396 x 236	688 x 466 x 302	745 x 469 x 302
Weight with stand [kg]	10.6	12.9	17.0	20.5
5 years warranty / 0 Pixel Defect	•/•	•/•	•/•	•/•





As one of the leading manufacturer of innovative medical displays NEC is your partner to deal with the challenges of hospital-wide digitalisation processes. Select from our medical portfolio - desktop displays, large format displays or DICOM Simulation projectors in the knowledge that you have one point of support and the highest standards of cross-departmental integration to a common standard.

**2MP - 8MP**    **2.0MP - 3.7MP**    **46"**  
 MD Series                      MDview Series                      OR Large Format

For more detailed information please read our Hospital Wide Display Solutions brochure and visit:  
[www.medical.nec-display-solutions.com](http://www.medical.nec-display-solutions.com)



## MD Series | Diagnostic

	MD211G5	MD212G3	MD302C6	MD211C3	MD210C3	MD211C2	MD210C2
Panel Technology	IPS Grayscale LED Backlight	IPS TFT Colour W-LED Backlight	IPS TFT Colour W-LED Backlight	UA-SFT Colour LED Backlight	UA-SFT Colour LED Backlight	UA-SFT Colour LED Backlight	UA-SFT Colour LED Backlight
Screen diagonal [inch/cm]	21.3 / 54.1	21.3 / 54.1	30 / 76.2	21.3 / 54.1	21.3 / 54.1	21.3 / 54.1	21.3 / 54.1
Native resolution [Megapixel]	5.0	3.0	6,7	3.0	3.0	2.0	2.0
Resolution	2048 x 2560 (P)	1536 x 2048 (P)	3280 x 2048 (L)	1536 x 2048 (P)	1536 x 2048 (P)	1200 x 1600 (P)	1200 x 1600 (P)
Contrast ratio (typ.)	1200:1	1400:1	1000:1	1400:1	1400:1	1400:1	1400:1
Viewing angle (H / V @ CR > 10:1)	176° / 176°	176° / 176°	170° / 170°	176° / 176°	176° / 176°	176° / 176°	176° / 176°
Luminance (Max)	1200 cd/m <sup>2</sup>	1700 cd/m <sup>2</sup>	800 cd/m <sup>2</sup>	800 cd/m <sup>2</sup>	800 cd/m <sup>2</sup>	900 cd/m <sup>2</sup>	760 cd/m <sup>2</sup>
Colour/Grayscale reproduction	10-bit	10-bit	10-bit	10-bit	10-bit	10-bit	10-bit
Programmable gamma correction	13.5-bit	15.5-bit	16-bit	14-bit	14-bit	14-bit	14-bit
Factory pre-set	500 cd/m <sup>2</sup> DICOM GSDF	400 cd/m <sup>2</sup> DICOM GSDF	400cd/m <sup>2</sup> DICOM GSDF	400 cd/m <sup>2</sup> DICOM GSDF	400 cd/m <sup>2</sup> DICOM GSDF	400 cd/m <sup>2</sup> DICOM GSDF	400 cd/m <sup>2</sup> DICOM GSDF
Connectivity	DVI-D, DP	DVI-D, DP	2 DVI-D, 2 DP	DVI-D, DP	DVI-D, DP	DVI-D, DP	DVI-D, DP
Power consumption (max.) [W]	80	50	173.5	85	85	80	80
Dimensions (W x H x D) [mm]	390 x 488 x 228 (Portrait)	380 x 474 x 228 (Portrait)	696 x 487 x 302 (Landscape)	373 x 491 x 236 (Portrait)	373 x 491 x 236 (Portrait)	373 x 491 x 236 (Portrait)	373 x 491 x 236 (Portrait)
Warranty	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.

## MD Series | Diagnostic

## Clinical Review

## OR LFD

	MDC212C2	MD322C8-2	MD302C4	MD242C2	MDview243	MDview272	MD4620R
Panel Technology	IPS TFT LED Backlight	IPS Type TFT Colour with W-LED Backlight	AH-IPS Colour LED Backlight	IPS Colour LED Backlight	IPS Colour LED Backlight	AH-IPS Colour LED Backlight	S-PVA Colour
Screen diagonal [inch/cm]	21.3 / 54.1	31.5 / 80	29.8 / 75.7	24.1 / 61.2	24.1 / 61.2	27.0 / 68.6	46 / 116.8
Native resolution [Megapixel]	2.0	8.3	4.0	2.3	2.3	3.7	2.0
Resolution	1600 x 1200 (L)	3840 x 2160 (L)	2560 x 1600 (L)	1920x 1200 (L)	1920 x 1200 (L)	2560 x 1440 (L)	1920 x 1080 (L)
Contrast ratio (typ.)	1500:1	1000:1	1000:1	1000:1	1000:1	1000:1	4000:1
Viewing angle (H / V @ CR > 10:1)	178° / 178°	176° / 176°	178° / 178°	178° / 178°	178° / 178°	178° / 178°	178° / 178°
Luminance (Max)	440 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	340 cd/m <sup>2</sup>	350cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	340 cd/m <sup>2</sup>	700 cd/m <sup>2</sup>
Colour/Grayscale reproduction	10-bit	10-bit	10-bit	10-bit	10-bit	10-bit	8-bit
Programmable gamma correction	14-bit	14-bit	14-bit	14-bit	14-bit	14-bit	10-bit
Factory pre-set	180 cd/m <sup>2</sup> DICOM GSDF	200 cd/m <sup>2</sup> DICOM GSDF	180 cd/m <sup>2</sup> DICOM GSDF	180 cd/m <sup>2</sup> DICOM GSDF	170 cd/m <sup>2</sup> DICOM GSDF	170 cd/m <sup>2</sup> DICOM GSDF	550 cd/m <sup>2</sup> DICOM GSDF
Connectivity	DVI-D, DP, VGA	2 DVI-D, 2 DP, 4 HDMI	DVI-D, DP, Mini-DP, HDMI	DVI-D, DP, HDMI, VGA	DVI-D, DP, HDMI, VGA	DVI-D, DP, Mini-DP, HDMI	DP, DVI-D, HDMI, OPS, D-Sub
Power consumption (max.) [W]	54	95	87	30	30	73	150
Dimensions (W x H x D) [mm]	466 x 375 x 228 (Landscape)	745 / 468 / 302 (Landscape)	688 x 466 x 302 (Landscape)	557 x 378 x 228 (Landscape)	557 x 378 x 228 (Landscape)	640 x 396 x 236 (Landscape)	1153 x 820 x 180 (Landscape)
Warranty	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 years standard

# Large Format Displays



As a world leading name in digital signage, NEC displays are installed in some of the most challenging and highly visited locations and venues across the world. From 24/7 LED backlit displays for performance critical applications to high quality value ranges and reference options, NEC leads the market for signage solutions you can trust.

## Entry-Level Signage

E Series Cost efficient digital signage as well as meeting room equipment

## Value Signage

V Series Value for money signage all-rounder delivering convenience and flexibility

## Professional Signage

P Series High end solution offering secure and reliable operations paired with a perfect image representation in all environments

## Speciality

XUN Series Video wall solution for huge surfaces offering a very modular and flexible design

XHB Series High bright display for perfect image presenting in very light surroundings

XUHD Series Pixel free viewing combined with precise colour reproduction when image quality decides

## Protective Glass

Maximum protection against knocks and blows combined with reduced reflection and high light transmission for an unrestricted image quality

Available for V / P / XUN / XUHD Series

## Multi-Touch

Interactive plug & play touch solutions offering true multi-touch for a wide range of applications

Available for E / V / P / XUHD / XUN Series



## E Series | Entry-Level Signage

The E Series commercial-grade displays are designed to bring NEC's heritage of performance and quality to the most cost-conscious customers. For entry-level applications like signage, the E-Series in sizes from 32 to 65 inch is the perfect fit. The larger sized models above 65 inch are specially designed for the needs of corporate customers who rely on quality professional solutions offering a compelling low total cost of ownership.

32" to 90"

E Series



127  
CERTIFIED  
OPERATION

1080P  
FULLHD IMAGE

## V Series | Value Signage

If you are looking to transform your restaurant, shop or business with the added presence and revenue that digital signage offers, the V Series by NEC provides professional performance you can trust at a surprisingly affordable price. Benefit from the extra attention and sales these outstanding Full HD displays can bring while operating over longer lifecycles. The V Series also offers a DRD-range of signage-ready models for convenient and instant usage.

32" to 80"

V Series



247  
CERTIFIED  
OPERATION

1080P  
FULLHD IMAGE



## P Series | Professional Signage

The P Series provides a first class solution for digital signage and information distribution applications. New connectivity and sensors allow additional creativity in the content displayed and how it is controlled. The unique built-in NFC sensor in combination with NEC's new Android app reduces installation and maintenance times, especially useful on larger installations. The Human Sensor is aware of proximity based viewer presence and can change brightness, volume, inputs or power the display up or down resulting in added engagement and considerable energy savings over time.

40" to 80"

P Series



247  
CERTIFIED  
OPERATION

1080P  
FULLHD IMAGE



## XUN Series | Video Wall



**1080P**  
FULLHD IMAGE



No matter what the requirement, NEC has the right video wall solution to fit virtually any application. Adaptable, scalable and modular, NEC offers unlimited creativity in capturing attention, engaging and delivering a compelling video wall experience. Trusted NEC quality is the professional choice for display technology and can provide the complete video wall solution from pre-configuration and mounting solutions to content management and after sales support.

### 46" and 55"

XUNV and XUNS Series

## XUHD Series | Ultra High Resolution



The MultiSync® UHD Series is the first series supporting the 4K UHD standard of NEC's LFD portfolio. Besides the four times more pixels at the same screen size, the quality of the pixels much more better; the variety of colours gets increased. Loaded with innovative features and high end components, the UHD models deliver an extraordinary reality-like visual experience with a richness of detail and controlled colour reproduction.

### 55" to 98"

XUHD Series

**4KUHD**







## XHB Series | High Brightness

Sunlight reduces the readability of content so signage located in store front windows or in light drenched atrium spaces needs to present messages with higher brightness. NEC's XHB displays with ambient light sensor keeps power consumption to a minimum whilst maintaining eye-pleasing readability in even the brightest environments.

47" to 75"  
XHB Series

**1080P**  
FULLHD IMAGE



**24/7**  
CERTIFIED OPERATION



## E Series | Entry Level Signage

MultiSync® Model	E326	E436	E506	E556	E656*	E705	E805	E905
Order Code	60004020	60004021	60004022	60004023	60004024	60003928	60003929	60003930
Panel Technology	S-IPS / Direct LED	S-IPS / Direct LED	S-PVA / Direct LED	S-IPS / Direct LED	S-PVA / Direct LED	UV² A / Edge LED	UV² A / Edge LED	UV² A / Edge LED
Screen Size [inch / cm]	32 / 80	43 / 109	50 / 127	55/140	65/165	70 / 178	80 / 203	90 / 229
Brightness (max.) [cd/m²]	350	350	350	350	350	400	350	350
Contrast (typ.)	1400:1	1200:1	3000:1	1200:1	4000:1	4000:1	5000:1	5000:1
Viewing Angle horizontal / vertical [°]	176 / 176	176 / 176	176 / 176	176 / 176	176 / 176	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8	9	8	8	4	4
Haze Level (%)	1	1	2	1	2	5	5	5
Supported orientation	Landscape	Landscape	Landscape	Landscape	Landscape	Landscape	Landscape	Landscape
Native Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Connectivity	3 HDMI, VGA, Component, Composite, SPDIF			3 HDMI, VGA, Component, Composite, SPDIF		2 HDMI, DP, DVI-D, VGA		
Power Consumption ECO [W]	44	57	81	81	116	150	230	270
Power Savings Mode [W]	<0.5	<0.5	<0.5	<0.5	< 0.5	<0.5	<0.5	<1
Dimensions (W x H x D) [mm]	727 x 424 x 77	960 x 555 x 77	1123 x 646 x 77	1239 x 712 x 79	1458 x 834 x 89	1587 x 920 x 87	1836 x 1061 x 87	2058 x 1184 x 123
Weight [kg]	4.8	8.5	12.9	15.6	23.5	47	61	81
Bezel Width B / T - L - R [mm]	16.1 / 11.9	13.4 / 10.4	14.9 / 11.9	14.7 / 12.9	14.9 / 13.9	23 / 23	29.7 / 29.7	
Integrated Speakers	2 x 5 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W
NaViSet Administrator 2	-	-	-	-	-	●	●	●
Energy Star	-	7.0	7.0	7.0	7.0	-	-	-

## V Series | Value Signage

MultiSync® Model	V323-2	V404	V423	V463	V484	V552	V554	V652	V801
Order Code	60003849	60004033	60003397	60003394	60004034	60003396	60004035	60003395	60003482
Panel Technology	S-IPS / Edge LED	S-PVA / Edge LED	S-IPS / Edge LED	AMVA3 / Edge LED	S-PVA / Edge LED	AMVA3 / Edge LED	S-IPS / Edge LED	AMVA3 / Edge LED	UV2A / Edge LED
Screen Size [inch / cm]	32 / 81	40 / 102	42 / 107	46 / 117	48 / 120	55 / 140	55 / 140	65 / 165	80 / 203
Brightness (max.) [cd/m²]	450	500	450	500	500	500	500	450	460
Contrast (typ.)	1300:1	4000:1	1300:1	4000:1	4000:1	4000:1	1200:1	4000:1	5000:1
Viewing Angle horizontal / vertical [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	176 / 176
Response Time (typ. G to G) [ms]	8	8	12	6.5	8	6.5	8	8	6
Haze Level (%)	1	25	10	11	25	11	44	11	5
Supported orientation	Landscape, Portrait	Landscape, Portrait, Face Up, Face Down	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait, Face Up, Face Down	Landscape, Portrait	Landscape, Portrait, Face Up, Face Down	Landscape, Portrait	Landscape, Portrait
Native Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Connectivity	HDMI, DP, DVI-D In/Out, VGA	DP In/Out, HDMI, DVI-D, VGA	HDMI, DP, DVI-D In/Out, VGA	HDMI, DP, DVI-D In/Out, VGA	DP In/Out, HDMI, DVI-D, VGA	HDMI, DP, DVI-D In/Out, VGA	DP In/Out, HDMI, DVI-D, VGA	HDMI, DP, DVI-D In/Out, VGA	
Slot-In Option	OPS	OPS, Compute Module Slot	OPS	OPS	OPS, Compute Module Slot	OPS	OPS, Compute Module Slot	OPS	OPS
Power Consumption ECO [W]	49	75	88	76	85	96	105	185	223
Power Savings Mode [W]	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dimensions (W x H x D) [mm]	750 x 444 x 60	918 x 531 x 55	972 x 565 x 68	1058 x 612 x 65	1087 x 625 x 55	1250 x 720 x 63	1244 x 715 x 63	1540 x 909 x 88	1836 x 1061 x 86
Weight [kg]	9	14.5	16.8	18.9	17.6	26.5	24.5	52.0	60
Bezel Width T - B / L - R [mm]	24.0 / 24.0	13.2/ 13.2	18.3 / 18.3	18.3 / 18.3	13.2/ 13.2	18.3 / 18.3	13.2/ 13.2	50.5 / 53.5	29.7 / 29.7
Integrated Speakers	2 x 8 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W
NaViSet Administrator 2	●	●	●	●	●	●	●	●	●

## P Series | Professional Signage

MultiSync® Model	P404	P484	P554	P703	P801
Order Code	60004039	60004040	60004041	60003480	60003481
Panel Technology	S-PVA / Edge LED		S-IPS / Edge LED	UV² A / Edge LED	
Screen Size [inch / cm]	40 / 102	48 / 121	55 / 139	70 / 178	80 / 203
Brightness (max.) [cd/m²]	700	700	700	700	700
Contrast (typ.)	4000:1	4000:1	1200:1	5000:1	5000:1
Viewing Angle Hor / Ver [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8	8	4
Haze Level (%)	25	25	44	5	5
Supported Orientation	Landscape, Portrait, Face Up, Face Down			Landscape, Portrait, Face Up	
Native Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Connectivity	DP In/Out, HDMI, DVI-D, VGA			DVI-D, HDMI, DP In/Out, LAN	
Slot-In Option	OPS, Compute Module Slot			OPS, Interface Extension Slot	
Power Consumption ECO [W]	90	115	130	150	235
Power Savings Mode [W]	<0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dimensions (W x H x D) [mm]	918 x 530.6 x 55	1,086 x 625 x 54	1244 x 714 x 62	1587 x 920 x 86	1836 x 1061 x 86
Weight [kg]	14.5	17.6	24.5	47.0	61.5
Bezel Width T - B / L - R [mm]**	13.2	13.2	13.2	23.0	29.7
Integrated Speakers	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W
NaViSet Administrator 2	•	•	•	•	•

## XUN Series | Video Wall

MultiSync® Model	X464UNV-3*	X464UNS-2*	X554UNV-2*	X554UNS-2*	X555UNS	X555UNV	UN551S	UN551VS
Order Code	60004271	60004172	60004272	60004173	60003905	60003906	60004055	60004056
Panel Technology	S-PVA / Direct LED	S-PVA / Direct LED	S-PVA / Direct LED	S-PVA / Direct LED	S-IPS / Direct LED	S-IPS / Direct LED	S-IPS / Direct LED	S-IPS / Direct LED
Screen Size [inch / cm]	46 / 117	46 / 117	55 / 140	55 / 140	55 / 140	55 / 140	55 / 140	55 / 140
Brightness (Max.) [cd/m²]	500	700	500	700	700	500	700	500
Contrast (typ.)	3500:1	3500:1	3500:1	3500:1	1200:1	1200:1	1200:1	1200:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8	8	12	12	12	12
Haze Level (%)	25	25	25	25	44	44	44	44
Supported Orientation	Landscape, Portrait, Face Up		Landscape, Portrait, Face Up		Landscape, Portrait, Face Up		Landscape, Portrait, Face Up	
Native Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Connectivity	DVI-D, HDMI, DP In/Out, VGA		DVI-D, HDMI, DP In/Out, VGA		DVI-D, HDMI, DP In/Out, VGA		DVI-D, HDMI, DP In/Out, VGA	
Slot-In Option	OPS, Interface Extension Slot		OPS, Interface Extension Slot		OPS, Interface Extension Slot		OPS, Interface Extension Slot	
Power Consumption ECO [W]	90	120	120	143	175	138	180	140
Power Savings Mode [W]	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dimensions (W x H x D) [mm]	1024 x 578 x 117	1022 x 576 x 101	1213 x 684 x 100	1213 x 684 x 100	1213 x 684 x 95	1213 x 684 x 95	1211 x 682 x 99	1211 x 682 x 99
Weight [kg]	24.3	20.4	25.9	27.9	30.3	30.3	26.0	26.0
Bezel Width T - B / L - R [mm]**	3.8 / 1.8	2.3 / 1.2	2.3 / 1.2	2.3 / 1.2	2.3 / 1.2	2.3 / 1.2	0.9 / 0.9	0.9 / 0.9
Integrated Speakers	-	-	-	-	-	-	-	-
NaViSet Administrator 2	•	•	•	•	•	•	•	•

\* Specification subject to change until launch

\*\* Dimensions may vary due to manufacturing tolerances

MultiSync® Model	X551UHD	X651UHD-2	X841UHD-2	X981UHD-2	X474HB	X554HB	X754HB
Order Code	60003677	60003676	60003675	60003721	60003674	60003912	60003913
Panel Technology	S-PVA / Edge LED	S-IPS / Edge LED	S-IPS / Edge LED	S-IPS / Direct LED	S-IPS / Direct LED	S-PVA / Direct LED	S-PVA / Direct LED
Screen Size [inch / cm]	55 / 140	65 / 165	84 / 213	98 / 249	47 / 119	55 / 140	75 / 191
Brightness (Max.) [cd/m <sup>2</sup> ]	500	450	500	500	2000	2700	2500
Contrast (typ.)	4000:1	1300:1	1400:1	1300:1	1300:1	5000:1	5000:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	6	8	12	8	10	6	6
Haze Level (%)	25	10	10	1	2	1	1
Supported Orientation	Landscape, Portrait, Face Up			Landscape, Portrait, Face Up		Landscape, Portrait	
Native Resolution	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	1920 x 1080	1920 x 1080	1920 x 1080
Connectivity	2x DVI-D, 4x HDMI, DP				DP In/Out, HDMI, DVI-D, VGA		
Slot-In Option	OPS	OPS	OPS	OPS	OPS, Interface Extension Slot		
Power Consumption ECO [W]	150	150	380	420	190	310	540
Power Use Savings Mode [W]	< 0.5	<0.5	<0.5	< 0.5	<0.5	<0.5	<0.5
Dimensions (W x H x D) [mm]	1250 x 721 x 78	1468 x 879 x 87	1931 x 1117 x 85	2204 x 1259 x 108	1084 x 628 x 147	1253 x 724 x 137	1694 x 972 x 146
Weight [kg]	27	41	70	95	26.9	32.6	58
Bezel Width T - B / L - R [mm]	18.5	19	32.6	19.9	19.3	19.5	21
Integrated Speakers	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W
NaViSet Administrator 2	•	•	•	•	•	•	•







## Protective Glass

High quality Conturan® Schott glass ensures reduced reflection and high light transmission for an unrestricted view of display content. In addition it ensures maximum investment security, protecting the display panel against projectiles.

32" to 55"

V Series PG

84" to 98"

XUHD Series PG

46" and 55"

XUN Series PG

40" to 80"

P Series PG



24/7  
CERTIFIED  
OPERATION

1080P  
FULLHD IMAGE

4K UHD

## Protective Glass

MultiSync® Model	V323-2 PG	V404 PG	V484 PG	V554 PG	P404 PG	P484 PG	P554 PG
Order Code	60003995	60004337	60004338	60004339	60004255	60004254	60004256
Base Model	V323-2	V404	V484	V554	P404	P484	P554
<b>All specs same as base model except for those listed below</b>							
Dimensions (W x H x D) [mm]	750 x 444.5 x 66	925 x 538 x 63	1094 x 632 x 63	1251 x 722 x 71	925 x 538 x 63	1094 x 632 x 63	1251 x 722 x 71
Weight [kg]	12.6	21	26	35	21	26	35
Bezel Width T-B / L-R [mm]	24.0 / 24.0	16.7 / 16.7	16.7 / 16.7	16.7 / 16.7	16.7 / 16.7	16.7 / 16.7	16.7 / 16.7
Glass	4mm Conturan® glass by Schott				4mm Conturan® glass by Schott		
Coating	Double sided anti-reflective coating				Double sided anti-reflective coating		
Light Transmission [%]	97	97	97	97	97	97	97
Reflection Rate [%]	<1	<1	<1	<1	<1	<1	<1

MultiSync® Model	P703 PG	P801 PG	X841UHD-2 PG	X981UHD-2 PG	X464UNS-2 PG*	X555UNS PG
Order Code	60003707	60003708	60004184	60004182	60004372.	60004141
Base Model	P703	P801	X841UHD-2	X981UHD-2	X464UNS-2	X555UNS
<b>All specs same as base model except for those listed below</b>						
Dimensions (W x H x D) [mm]	1587 x 9196 x 99	1836 x 1061 x 95	1931 x 1117 x 99	2204 x 1259 x 122	N/A	1213 x 684 x 95
Weight [kg]	64.6	85.2	102	132	N/A	32.7
Bezel Width T-B / L-R [mm]	23.0 / 23.0	29.7 / 29.7	32.6 / 32.6	19.9 / 19.9	2.5 / 2.5	2.5 / 2.5
Glass	5mm Conturan® glass by Schott		6mm Conturan® glass by Schott		2mm Premium toughened glass	
Coating	Double sided anti-reflective coating		Double sided anti-reflective coating		Anti-glare coating	
Light Transmission [%]	97	97	97	97	92	92
Reflection Rate [%]	<1	<1	<1	<1	N/A	N/A

\* Specification subject to change until launch

# Multi-Touch Series



65" to 80" **127**  
E Series Touch CERTIFIED OPERATION

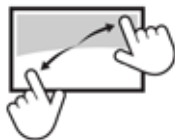
40" to 80" **247**  
P Series Touch CERTIFIED OPERATION

42" to 80" **167**  
V Series Touch CERTIFIED OPERATION

55" to 98" **247**  
XUHD Series Touch CERTIFIED OPERATION

## Multi-Touch

Based on the latest touch technology these displays deliver true multi-touch support with fast response times and a high level of accuracy. All NEC interactive displays are plug & play, without the need to install any external driver software. Thanks to an anti-reflective coating, reflections are reduced to a minimum which significantly increases the readability of the content shown.



**1080P**  
FULLHD IMAGE

**4K UHD**

## Multi-Touch Displays

MultiSync® Model	E651-T*	E705 SST	E805 SST	V423 TM-2	V463 TM-2	V552 TM	V652 TM
Order Code	60004181	60003922	60003923	60004198	60004195	60003678	60003553
Supported Orientation	Landscape, Portrait	Landscape	Landscape	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait
Base Model	–	E705	E805	V423	V463	V552	V652
<b>All specs same as base model except for those listed below</b>							
Haze Level	N/A	5	5	10	11	11	11
Brightness (max.)	400	400	350	430	480	450	450
Power Consumption ECO [W]	140	158	227	100	88	96	178
Dimensions (W x H x D) [mm]	1489 x 865 x 86	1657 x 968 x 105	1878 x 1097 x 104	1013 x 603 x 81	1104 x 655 x 79	1294 x 765 x 86	1540 x 909 x 102
Weight [kg]	42	70	85	25	26	40.8	68.3
Bezel Width T-B / L-R [mm]	N/A	33.0 / 41.0	40.0 / 40.0	38.8 / 38.8	41.6 / 41.5	41.4 / 41.4	50.5 / 53.5
Touch Technology	Infrared	ShadowSense™	ShadowSense™	Infrared	Infrared	Infrared	Optical Camera
Protective Glass	4.0mm	5mm	5mm	3mm	3mm	4mm	5mm
Coating	Anti-glare coating	Single sided anti-reflective coated (anti-glare)		Single sided anti-reflective coated (anti-glare)		Double sided anti-reflective coated	
Touch Points	up to 10	up to 10	up to 10	up to 6	up to 6	up to 6	up to 5
Input Method	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove
Light Transmission [%]	N/A	92	92	92	92	96	96
Reflection [%]	N/A	2	2	2	2	2	2

MultiSync® Model	V801 TM	P403 SST	P463 SST	P553 SST	P703 SST	P801 SST
Order Code	60003679	60003767	60003768	60003769	60003770	60003766
Supported Orientation	Landscape, Portrait	Landscape, Portrait, Face Up		Landscape, Portrait, Face Up		Landscape, Portrait
Base Model	V801	P403	P463	P553	P703	P801
<b>All specs same as base model except for those listed below</b>						
Haze Level	5	44	44	44	5	5
Brightness (max.)	460	700	700	700	700	700
Power Consumption ECO [W]	218	122	124	150	157	239
Dimensions (W x H x D) [mm]	1842 x 1067 x 107	968 x 587 x 82	1106 x 660 x 82	1328 x 789 x 79	1657 x 968 x 105	1878 x 1097 x 104
Weight [kg]	79.9	24	32	37	70	85
Bezel Width T-B / L-R [mm]	34.8 / 34.8	39.0 / 39.0	40.0 / 40.0	40.0 / 40.0	33.0 / 42.0	40.0 / 40.0
Touch Technology	Infrared	ShadowSense™	ShadowSense™	ShadowSense™	ShadowSense™	ShadowSense™
Protective Glass	3mm	3mm	3mm	4mm	5mm	5mm
Coating	Double sided anti-reflective coated	Single sided anti-reflective coated (anti-glare)			Single sided anti-reflective coated (anti-glare)	
Touch Points	up to 6	up to 10	up to 10	up to 10	up to 10	up to 10
Input Method	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove
Light Transmission [%]	96	92	92	92	92	92
Reflection [%]	2	2	2	2	2	2

MultiSync® Model	X651UHD-2 SST	X841UHD-2 SST	X981UHD-2 SST	X551UHD IGT	X651UHD-2 IGT
Order Code	60004145	60004146	60004147	60003677	60004170
Supported Orientation	Face Up, Landscape, Portrait			Face Up, Landscape, Portrait	
Base Model	X651UHD-2	X841UHD-2	X981UHD-2	X551UHD	X651UHD-2
<b>All specs same as base model except for those listed below</b>					
Haze Level	10	10	1	25	10
Brightness (max.)	450	500	500	500	450
Power Consumption ECO [W]	164	342	360	162	164
Dimensions (W x H x D) [mm]	1532 x 910 x 103	2000 x 1194 x 105	2276 x 1329 x 123	1306 x 773 x 75	1521 x 896 x 103
Weight [kg]	70	110	150	40	55
Bezel Width T-B / L-R [mm]	42.0 / 42.0	41.0 / 41.0	45.0 / 45.0	Edge-to-edge-flush design (no bezel)	
Touch Technology	ShadowSense™	ShadowSense™	ShadowSense™	InGlass™	InGlass™
Protective Glass	4 mm	5 mm	5 mm	3.2 mm	3.2 mm
Coating	Single sided anti-reflective coated (anti-glare)			Chemically strengthened soda lime	
Touch Points	up to 10	up to 10	up to 12	up to 10	up to 10
Input Method	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove
Light Transmission [%]	92	92	92	89	89
Reflection [%]	2	2	2	N/A	N/A

\* Specification subject to change until launch

# Speakers | Stands | Compatibility

Model	Speaker									
	Speaker	Order Code	Speakers Built-in		High-End					
			Soundbar	SP-RM1	SP-TF1	SP-46SM	SP-55SM	SP-65SM	SP-70SM	SP-80SM
UN551S	-	-	○	●	-	-	-	-	-	
UN551SV	-	-	○	●	-	-	-	-	-	
X554UNS / X555UNS	-	-	○	●	-	-	-	-	-	
X554UNV-2 / X555UNV	-	-	○	●	-	-	-	-	-	
X464UNV-2	-	-	○	●	-	-	-	-	-	
X474HB	●	-	○	●	-	-	-	-	-	
X554HB	●	-	○	●	-	-	-	-	-	
X754HB	●	-	○	●	-	-	-	-	-	
X551UHD	●	-	○	●	-	-	-	-	-	
X651UHD-2 (SST)*	●	-	○	●	-	-	-	-	-	
X841UHD-2 (PG, SST)*	●	-	○	●	-	-	-	-	-	
X981UHD-2 (PG, SST)*	●	-	○	●	-	-	-	-	-	
P403 (PG, SST)*	●	-	-	●	-	-	-	-	-	
P404	●	●	-	●	-	-	-	-	-	
P484	●	●	-	●	-	-	-	-	-	
P554	●	●	-	●	-	-	-	-	-	
P703 (PG, SST)*	●	-	○	●	-	-	●	-	-	
P801 (PG, SST)*	●	-	○	●	-	-	-	●	-	
P463 (PG, SST)*	●	-	○	●	●	-	-	-	-	
P553 (PG, SST)*	●	-	○	●	-	●	-	-	-	
V323-2 (PG)*	●	-	-	-	-	-	-	-	-	
V404	●	●	-	●	-	-	-	-	-	
V423	●	-	-	-	-	-	-	-	-	
V463	●	-	○	●	●	-	-	-	-	
V484	●	●	-	●	-	-	-	-	-	
V552	●	-	○	●	-	●	-	-	-	
V554	●	●	-	●	-	-	-	-	-	
V652	●	-	○	●	-	-	●	-	-	
V801	●	-	○	●	-	-	-	●	-	
V423 TM-2	●	-	-	-	-	-	-	-	-	
V463 TM-2	●	-	○	-	-	-	-	-	-	
V552 TM	●	-	○	●	-	-	-	-	-	
V652 TM	●	-	○	●	-	-	●	-	-	
V801 TM	●	-	○	●	-	-	-	-	-	
E326	●	-	-	-	-	-	-	-	-	
E436	●	-	-	-	-	-	-	-	-	
E506	●	-	-	-	-	-	-	-	-	
E556	●	-	-	-	-	-	-	-	-	
E656	●	-	-	-	-	-	-	-	-	
E651-T	●	-	-	-	-	-	-	-	-	
E705 (SST)*	●	-	○	●	-	-	-	●	-	
E805 (SST)*	●	-	○	●	-	-	-	-	●	
E905	●	-	○	●	-	-	-	-	-	

Model	Feet											
	Feet	Order Code	100013034	100014488	100012205	100012201	100012828	100013328	100013911	100014601	100013945	100014604
			ST-322	ST-401	ST-4620	ST-5220	ST-651	ST-801	ST-32E	ST-43E	ST-50E	ST-65E2
UN551S	-	-	-	●	-	-	-	-	-	-	-	-
UN551SV	-	-	-	●	-	-	-	-	-	-	-	-
X554UNS / X555UNS	-	-	-	●	-	-	-	-	-	-	-	-
X554UNV / X555UNV	-	-	-	●	-	-	-	-	-	-	-	-
X464UNV-2	●	-	-	-	-	-	-	-	-	-	-	-
X474HB	-	-	●	-	-	-	-	-	-	-	-	-
X554HB	-	-	-	●	-	-	-	-	-	-	-	-
X754HB	-	-	-	-	-	●	-	-	-	-	-	-
X551UHD	-	-	-	●	-	-	-	-	-	-	-	-
X651UHD-2 (SST)	-	-	-	-	●	-	-	-	-	-	-	-
X841UHD-2 (PG, SST)	-	-	-	-	-	●	-	-	-	-	-	-
X981UHD-2 (PG, SST)	-	-	-	-	-	●	-	-	-	-	-	-
P403 (PG, SST)	●	-	-	-	-	-	-	-	-	-	-	-
P404	-	●	-	-	-	-	-	-	-	-	-	-
P484	-	●	-	-	-	-	-	-	-	-	-	-
P554	-	●	-	-	-	-	-	-	-	-	-	-
P703 (PG, SST)	-	-	-	-	-	●	-	-	-	-	-	-
P801 (PG, SST)	-	-	-	-	-	●	-	-	-	-	-	-
P463 (PG, SST)	●	-	-	-	-	-	-	-	-	-	-	-
P553 (PG, SST)	-	-	-	●	-	-	-	-	-	-	-	-
V323-2 (PG)	●	-	-	-	-	-	-	-	-	-	-	-
V404	-	●	-	-	-	-	-	-	-	-	-	-
V423	●	-	-	-	-	-	-	-	-	-	-	-
V463	●	-	-	-	-	-	-	-	-	-	-	-
V484	-	●	-	-	-	-	-	-	-	-	-	-
V552	-	-	●	-	-	-	-	-	-	-	-	-
V554	-	●	-	-	-	-	-	-	-	-	-	-
V652	-	-	-	-	●	-	-	-	-	-	-	-
V801	-	-	-	-	-	●	-	-	-	-	-	-
V423 TM-2	●	-	-	-	-	-	-	-	-	-	-	-
V463 TM-2	-	-	●	-	-	-	-	-	-	-	-	-
V552 TM	-	-	●	-	-	-	-	-	-	-	-	-
V652 TM	-	-	-	-	●	-	-	-	-	-	-	-
V801 TM	-	-	-	-	-	●	-	-	-	-	-	-
E326	-	-	-	-	-	-	●	-	-	-	-	-
E436	-	-	-	-	-	-	-	●	-	-	-	-
E506	-	-	-	-	-	-	-	-	●	-	-	-
E556	-	-	-	-	-	-	-	-	-	●	-	-
E656	-	-	-	-	-	-	-	-	-	-	●	-
E651-T	-	-	-	-	-	-	-	-	-	-	-	●
E705 (SST)	-	-	-	-	-	●	-	-	-	-	-	-
E805 (SST)	-	-	-	-	-	●	-	-	-	-	-	-
E905	-	-	-	-	-	●	-	-	-	-	-	-

\* High-end Speakers (SP-xxSM) are not compatible with Protective Glass (PG) Displays and ShadowSense (SST) Displays.

●	Perfect Compatibility
○	Compatible - speakers will bulge from the back surface
●	Compatible on sides and bottom - front surface of speakers does not match with display
●	Compatible on sides and bottom - front surface of speakers do not match with display, special brackets necessary for installation
-	Not Compatible





# LED Modules



Indoor and outdoor LED video wall modules enable creative attention grabbing walls of intensely bright images for the brightest environments and long distance viewing. With the S[quadrat] manufactured LED modules, NEC is offering secure outstanding image quality and easy maintenance to represent your business as you expect it. These high quality LEDs also ensure longevity and flexibility to future-proof your investment.

Indoor LED

**1.2mm to 10.0mm**

Outdoor LED

**3.9mm to 20.0mm**

## LED Modules

**Indoor LED** Combining ultimate visual experience with maximum versatility, the new indoor LED products provide crystal clear and extra sharp image quality. The LED LiFT fine pitch LED products are perfectly supporting any high definition content visualisation and can be installed for use in many areas. Minimised maintenance times and efforts are ensured thanks to its highly intelligent, front serviceable cabinet design.

**Outdoor LED** The outdoor LED systems shine bright in areas with high levels of ambient light and where the harsh environment of sunlight or rain would usually affect the performance. The wide range of outdoor products allows perfect readability from any viewing distance. Thanks to the highest flexibility in system modularity, there is almost no limitation in screen size. Low operational and maintenance costs and a high durability support a safe and future-proof investment.

## Indoor LED Modules

	<b>L012Si</b>	<b>L015Si</b>	<b>L019Si</b>	<b>L023Si</b>	<b>L038Si</b>	<b>T040Si</b>	<b>T060Si</b>	<b>T100Si</b>
Order Code	60004280	60004139	60004123	60004124	60004125	60004127	60004128	60004157
Pixel Configuration	3-in-1 SMD	3-in-1 SMD	3-in-1 SMD	3-in-1 SMD	3-in-1 SMD	3-in-1 SMD	3-in-1 SMD	3-in-1 SMD
Number of Pixel per m <sup>2</sup>	623334	398892	277008	178000	69570	62500	27777	10000
Pixel Pitch [mm]	1,266	1,583	1,9	2,375	3,8	4	6	10
Brightness (typ.) [cd/m <sup>2</sup> ]	800	800	900	1000	1200	1500	1500	2000
Contrast Ratio (typ.)	3000:1	3000:1	3000:1	3000:1	3000:1	3000:1	3000:1	5000:1
Colour Processing	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit
Viewing Angle Hor / Vert [°]	160 / 160	160 / 160	160 / 160	160 / 160	160 / 160	140 / 140	140 / 140	140 / 140
Dimming Capability	256 level	256 level	256 level	256 level	256 level	256 level	256 level	256 level
Gamma Correction	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Refresh Rate	> 3000 Hz	> 3000 Hz	> 3000 Hz	> 3000 Hz	> 3000 Hz	> 4200 Hz	> 4200 Hz	> 4200 Hz
Digital Inputs	DVI	DVI	DVI	DVI	DVI	DVI	DVI	DVI
Power Consumption [W] per sqm	280W (typical) 800W (max)	240W (typical) 680W (max)	240W (typical) 680W (max)	240W (typical) 680W (max)	220W (typical) 620W (max)	255W (typical) 765W (max)	195W (typical) 640W (max)	180W (typical) 540W (max)
Dimensions (W x H x D) [mm]	608 x 342 x 90	608 x 342 x 90	608 x 342 x 90	608 x 342 x 90	608 x 342 x 90	480 x 480 x 166	480 x 480 x 166	960 x 960 x 166
Weight per sqm [kg]	46	46	46	46	46	35	35	39
IP Level	IP30	IP30	IP30	IP30	IP30	IP30	IP30	IP30
Serviceability	Front and Rear	Front and Rear	Front and Rear	Front and Rear	Front and Rear	Rear (Front Optional)	Rear (Front Optional)	Rear (Front Optional)



LED LIFT

## Outdoor LED Modules

	<b>L039Se*</b>	<b>T060Se</b>	<b>L063Se*</b>	<b>T080Se</b>	<b>T100Se</b>	<b>T160Se</b>	<b>T160SeD</b>	<b>T200SeD</b>
Order Code	TBD	60004142	TBD	60004158	60004140	60004156	60004155	60004154
Pixel Configuration	3-in-1 SMD	3-in-1 SMD	3-in-1 SMD	3-in-1 SMD	3-in-1 SMD	3-in-1 SMD	DIP	DIP
Number of Pixel per m <sup>2</sup>	65536	27775	25600	15625	10000	3906	3906	2500
Pixel Pitch [mm]	3.91	6	6.25	8	10	16	16	20
Brightness (typ.) [cd/m <sup>2</sup> ]	5000	6000	5000	6000	6000	6000	6000	6000
Contrast Ratio (typ.)	3000:1	6000:1	3000:1	6000:1	6000:1	6000:1	6000:1	6000:1
Colour Processing	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit
Viewing Angle Hor / Vert [°]	140 / 140	140 / 140	140 / 140	140 / 140	140 / 140	140 / 140	120 / 60	120 / 60
Dimming Capability	256 level	256 level	256 level	256 level	256 level	256 level	256 level	256 level
Gamma Correction	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Refresh Rate	> 1920 Hz	> 4200 Hz	> 1920 Hz	> 4200 Hz	> 4200 Hz	> 4200 Hz	> 2880 Hz	> 2880 Hz
Digital Inputs	DVI	DVI	DVI	DVI	DVI	DVI	DVI	DVI
Power Consumption [W]	245W (typical) 700W (max)	270W (typical) 800W (max)	245W (typical) 700W (max)	180W (typical) 730W (max)	180W (typical) 730W (max)	180W (typical) 730W (max)	210W (typical) 640W (max)	180W (typical) 430W (max)
Dimensions (W x H x D) [mm]	500 x 500 x 78	1152 x 1152 x 210	500 x 500 x 78	1152 x 1152 x 210	1280 x 960 x 210	1280 x 960 x 215	1280 x 960 x 215	1280 x 960 x 230
Weight per sqm [kg]	36	49	36	49	56	45	49	49
IP Level (front / back)	IP65 / IP65	IP65 / IP54	IP65 / IP65	IP65 / IP54	IP65 / IP54	IP65 / IP54	IP65 / IP54	IP65 / IP54
Serviceability	Front and Rear	Rear (Front Optional)	Front and Rear	Rear (Front Optional)	Rear (Front Optional)	Rear (Front Optional)	Rear (Front Optional)	Rear (Front Optional)

\* Specification subject to change until launch  
Above listed LED modules are manufactured by S[quadrat] GmbH.



# Software



## NaViSet Administrator 2

All-in-one support system for NEC products

NaViSet Administrator 2 is an all-in-one remote support solution that manages the majority of NEC display devices and Windows computers. It is ideal for multidevice installations over larger infrastructures, for example in the corporate/large businesses, transportation, energy and utility, leisure and museum, finance, retail industries.

For more detailed information please visit:  
[www.nec-display-solutions.com/naviset](http://www.nec-display-solutions.com/naviset)



## Hiperwall Video Wall Solution

Video Wall Content and Source Management Software

The preferred choice in mission critical applications, such as control rooms to visualise information from multiple data sources via video walls, projection, large format displays and LED walls. With Hiperwall, the management of vast amounts of information combined with high flexibility enables the operator to visualise crucial real-time content.

The software handles large video wall installations as if it was just one screen, avoiding any visual limitations thus ensuring the highest productivity by focusing on the information and not on the usage of technology.





## NEC DisplayNote

### Next Generation Interactive Learning

DisplayNote NEC Edition is the latest interactive whiteboard tablet solution, which combines advanced collaboration tools with the market leading utilities available with NEC Projectors and Large Format Displays to create the ideal collective presentation solution for learning establishments.

For more detailed information please visit:  
[www.displaynote-nec.com](http://www.displaynote-nec.com)



## FieldAnalyst

### Digital Audience Measurement

FieldAnalyst software is based on facial detection. It automatically detects human presence while estimating age, gender, distance and viewing time, counting the number of people from anonymous images captured by video cameras. This is delivering a basis for staffing, providing feedback about advertising efforts by counting traffic or enabling dynamic adoption of digital signage content to address the target group actually present.

FieldAnalyst is providing the tool to create & measure successful communication base on real-time data – connecting the offline world to be online.



## leafengine

### Context Aware Digital Signage

To create smarter signage, it is necessary to consider the context: Has a product been picked-up to give additional information? Is there someone close to a display to get more details? Connecting sensors individually into digital signage proves to be a challenge for scalability.

The leafengine offers a single interface to a growing number of sensors: Engaging customers by delivering essential information and providing statistical data about customer presence and perception. A middleware enabling quick and scalable integration supporting digital signage to adopt to IoT - the Internet of Things!



## Vukunet

### The Engine that Powers the DOOH Industry

VUKUNET is an internet-based AdServing platform that connects all DOOH media networks in order to simplify planning, buying and delivering an advertising campaign. Developed by NEC, it forms part of a market leading suite of digital signage products and services.

For more detailed information please visit:

[www.vukunet-nec.com](http://www.vukunet-nec.com)



## MultiPresenter

### The missing link to easy Wireless Presenting

Frustration caused by connectivity or networking issues and a jumble of cable in meeting rooms are all too common, sapping valuable time and resources. NEC's MultiPresenter provides the missing link to achieve a seamless collaborative environment.

Wirelessly connect up to sixteen devices at a time via the small HDMI MultiPresenter stick to enable effortless presentation using NEC projectors and large format displays. Any Windows, MacOS, Android or iOS device is simply paired via a PIN to instantly present and share content with other participants.



## Reactiv STAGE

### Interactive Presentation Software

Reactiv STAGE allows you to engage your audience through its easy to use and intuitive interface. Present your ideas, promote your products, convey your message, annotate and save your thoughts ... all in a flash. Stimulate your audience!

STAGE's industry leading multi-pen technology will allow multiple users to annotate one or more documents at the same time. Annotate now, read later; STAGE's unique feature lets you store your annotations during a presentation in the original document format. STAGE has the ability to auto-detect and differentiate between stylus, eraser and the user's finger, resulting in a seamless and natural interaction.



# Professional Service

## NEC ReTrade

### Trade in your old projector when you trade-up to NEC

Make your next projector purchase an NEC and you could trade-in your old projector for cash and take comfort that you are doing your part in preserving resources and creating a sustainable environment.

For more detailed information please visit:  
[www.nec-display-solutions.com/retrade](http://www.nec-display-solutions.com/retrade)



## NEC Green Vision

### Green without compromise

With the 'Green Vision' environmental initiative, NEC strives to help to create a sustainable society friendly to humans and our planet.

### Intuitive Eco Modes

One Click or Auto ECO Modes help you reduce your projector or display power use when it is not needed, allowing optimum brightness and maximum energy efficiency at all times.

### AV Mute

Save 75% Lamp Power by simply sliding the projector cover across. When you slide it back the image instantly reappears.

### Human and Ambient Light Sensors

The Human Sensor ensures your display is only working when you are, as it detects your presence at the desk, ambient light and luminance sensors also make intelligent adjustments to your displayed image to help to save power.

For more detailed information please visit:  
[www.green-vision-nec.com](http://www.green-vision-nec.com)

## NEC Service Plus

### A commitment to quality

NEC Service Plus takes that philosophy further for the entire sales cycle from pre-sales through to the replacement phase. We take the guessing out of installing and managing a Display Solution inventory over a standard or extended lifecycle. Our customers can concentrate on their business activities, confident that their IT infrastructure is underwritten by the serviceplus promise.

- 5 years warranty
- Ad hoc warranty extension
- 24/7 for selected displays and projectors
- De-/Re-install service

For more detailed information please visit:  
[www.nec-display-solutions.com](http://www.nec-display-solutions.com) / Choose support





# Projectors

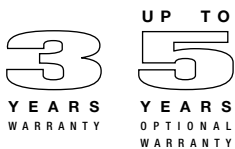


Our award-winning projector range offers products for all needs, from portable devices via business projectors to products for permanent operation (such as PoS applications) as well as Digital Cinema projectors delivering the most exceptional image quality, brightness, resolution, contrast and colour together with a wealth of new revenue generation opportunities.

## Education

With a traditional focus on Education, many of our projectors include special education warranties and solutions bundled with free software that helps you get connected, share content or maintain control when the remote is lost!

More information on NEC Education Solutions:  
[www.education-nec.com](http://www.education-nec.com)



## Mobile Projectors

- L Series Ideal for presentation on the move, ultra-light weight and elegant
- V Series For classrooms, small meeting rooms, private/professional and mobile

## Desktop Projectors

- M-ME Series Suited for classrooms and small to medium sized meeting rooms

## Short Throw Projectors

- M Series Suited for classrooms and small to medium sized meeting rooms.

## Ultra Short Throw Projectors

- U-UM-UMi For meeting rooms and digital signage applications, as well as for classrooms where space is at a premium

## Professional Projectors

- P Series Best solution for larger meeting rooms and university lecture halls

## Installation Projectors

- PA Series Ideal for corporate, high education and rental.
- PX Series Rental / staging, large corporate, high education, conference room, museums
- PH Series Best solution for rental/staging, high education and digital signage museums

## Digital Cinema Projectors

- NC Series Cinema projectors for multi-national chains and single venues

## Mobile Projectors

Compact, lightweight projectors with attractive design. Ideal for mobile presentation or desktop applications.

1000 - 3300 ANSI Lumen

L102W LED

V Series



## Desktop Projectors

Flexible and professional desktop projectors – predestined for business and educational use.

3000 - 4000 ANSI Lumen

M Series

ME Series



## Short-Throw Projectors

Short-throw lens eliminates the shadows and glare caused by traditional front projection systems and helps to free up space.

3000 - 3500 ANSI Lumen

M Series



## Ultra-Short-Throw Projectors

Projectors offering ultra-short throwing distance, 3D ready and low cost of ownership for corporate and educational applications in classrooms and (small) meeting rooms – ideal for interactive whiteboards.

3000 - 3600 ANSI Lumen

U Series

UM Series

UMI Series





## Professional Projectors

The award-winning projector range offers products for all needs, from portable devices via business projectors to products for permanent operation (such as PoS applications). Excellent brightness and attractive price/performance ratio.



## 4500 - 5000 ANSI Lumen

P Series

## Installation Projectors

Projectors for multiple business applications – with excellent brightness and connectivity. Ideal for fixed installation purposes.

## 5200 - 13500 ANSI Lumen

PA Series

PH Series

PX Series



## L Series | Mobile

## V Series | Mobile

	L102W LED	V302H	V332W	V302W	V332X	V302X
Order Code	60003452	60003897	60003896	60003895	60003894	60003893
Projection Technology	DLP™	DLP™	DLP™	DLP™	DLP™	DLP™
Aspect Ratio	16:10	16:9	16:10	16:10	4:3	4:3
Native Resolution	1280 x 800 (WXGA)	1920 x 1080 (Full HD)	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1024 x 768 (XGA)
Brightness [ANSI Lumen]	1000	3000	3300	3000	3300	3000
Contrast Ratio	10000:1	8000:1	10000:1	10000:1	10000:1	10000:1
Projection Factor	1.4:1	1.50 - 1.80:1	1.55 - 1.70:1	1.55 - 1.70:1	1.95 - 2.15:1	1.95 - 2.15:1
Projection Distance [m]	0.52 - 3	1.3 - 12	1 - 11	1 - 11	1.2 - 13	1.2 - 13
Projection Angle [°]	13.8	11.7 - 14.0	13 - 14.2	13 - 14.2	12.8 - 14.0	12.8 - 14.0
Screen Size (cm / inch)	min: 43.2 / 17 max: 254 / 100	min: 76 / 30 max: 762 / 300	min: 76 / 30 max: 762 / 300	min: 76 / 30 max: 762 / 300	min: 76 / 30 max: 762 / 300	min: 76 / 30 max: 762 / 300
Zoom / Focus	Digital / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual
Connectivity	HDMI, SD Card, RGB in, optional WLAN, USB A, Mini-USB, Video, Audio In/Out	2 HDMI, RGB: In/Out, Video, LAN, PC Control, USB B, Audio: 3 In, 1 Out		2 HDMI, RGB: In/Out, Video, LAN, PC Control, USB B, Audio: 3 In, 1 Out		
Power Use [W AC] High Bright / Normal / Power-Saving	107 / 84 / 0.5	266 / 207 / 0.5	263 / 204 / 0.5	237 / 194 / 0.5	263 / 204 / 0.5	237 / 198 / 0.5
Lamp Life Normal / ECO [hrs.]	LED Light Source	3500 / 6000	3500 / 6000	4500 / 6000	3500 / 6000	4500 / 6000
Dimensions (W x H x D) [mm]	238 x 44 x 177	324 x 101 x 250	324 x 101 x 250	324 x 101 x 250	324 x 101 x 250	324 x 101 x 250
Weight [kg]	1.36	2.9	2.8	2.7	2.8	2.7
Speakers (mono) [W]	1 x 2	1 x 8	1 x 8	1 x 8	1 x 8	1 x 8
TCO	•	-	-	-	-	-
Education Warranty Available	-	•	•	•	•	•
NaViSet Administrator 2	•	•	•	•	•	•

## ME | M Series | Desktop

	ME301X	ME301W	ME331X	ME331W	ME361X	ME361W
Order Code	60004230	60004229	60004238	60004227	60004226	60004225
Projection Technology	3LCD	3LCD	3LCD	3LCD	3LCD	3LCD
Aspect Ratio	4:3	16:9	4:3	16:9	4:3	16:9
Native Resolution	1024 x 768 (XGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)
Brightness [ANSI Lumen]	3000	3000	3300	3300	3600	3600
Contrast Ratio	12000:1	6000:1	12000	6000:1	12000:1	6000:1
Projection Factor	1.3 - 2.2:1	1.3 - 2.2:1	1.3 - 2.2:1	1.3 - 2.2:1	1.3 - 2.2:1	1.3 - 2.2:1
Projection Distance [m]	0.6 - 13.8	0.6 - 13.8	0.6 - 13.8	0.6 - 13.8	0.6 - 13.8	0.6 - 13.8
Projection Angle [°]	10.7 - 11.4	10.7 - 11.4	10.7 - 11.4	10.7 - 11.4	10.7 - 11.4	10.7 - 11.4
Screen Size (cm / inch)	min: 76 / 30 max: 762 / 300	min: 76 / 30 max: 762 / 300	min: 76 / 30 max: 762 / 300	min: 76 / 30 max: 762 / 300	min: 76.2 / 30 max: 762 / 300	min: 76 / 30 max: 762 / 300
Zoom / Focus	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual
Connectivity	2 HDMI, RGB: 2 In, 1 Out, Video, S-Video, 2 LAN, optional WLAN, USB A, USB B, PC Control, Audio: 3 In, 1 Out, MultiPresenter Functionality			2 HDMI, RGB: 2 In, 1 Out, Video, S-Video, 2 LAN, optional WLAN, USB A, USB B, PC Control, Audio: 3 In, 1 Out, MultiPresenter Functionality		
Power [W AC] Hi-Bright / Normal / ECO / Power-Saving	239 / 193 / 172 / 0.4	274 / 230 / 193 / 0.45	297 / 230 / 193 / 0.45	297 / 230 / 193 / 0.45	297 / 230 / 193 / 0.45	297 / 230 / 193 / 0.45
Lamp Life Normal / ECO [hrs.]	5000 / 9000	5000 / 9000	5000 / 9000	5000 / 9000	5000 / 9000	5000 / 9000
Dimensions (W x H x D) [mm]	339 x 99 x 257	339 x 108.5 x 259	339 x 108.5 x 259	339 x 108.5 x 259	339 x 108.5 x 259	339 x 108.5 x 259
Weight [kg]	2.9	2.9	2.9	2.9	2.9	2.9
Speakers [W]	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20
Education Warranty Available	•	•	•	•	•	•

## ME | M Series | Desktop

## M Series | Short-Throw

	ME401X*	ME401W*	M403H	M303WS	M333XS	M353WS
Order Code	60004250	60004270	60003977	60003970	60003580	60003975
Projection Technology	3LCD	3LCD	DLP™	DLP™	DLP™	DLP™
Aspect Ratio	4:3	16:9	16:9	16:10	4:3	16:10
Native Resolution	1024 x 768 (XGA)	1280 x 800 (WXGA)	1920 x 1080 (Full HD)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)
Brightness [ANSI Lumen]	4000	4000	4000	3000	3300	3500
Contrast Ratio	12000:1	6000:1	10000:1	10000:1	10000:1	10000:1
Projection Factor	1.3 - 2.2:1	1.3 - 2.2:1	1.2 - 2.1:1	0.45:1	0.56:1	0.45:1
Projection Distance [m]	0.6 - 13.8	0.6 - 13.8	0.74 - 14.08	0.56 - 1.48	0.68 - 1.76	0.57 - 1.48
Projection Angle [°]	10.7 - 11.4	10.7 - 11.4	9.9 - 17.9	40.7 - 40.9	40.7 - 40.8	40.7 - 40.9
Screen Size (cm / inch)	min: 76 / 30 max: 762 / 300	min: 76 / 30 max: 762 / 300	min: 76 / 30 max: 762 / 300	min: 152.4 / 60 max: 38.1 / 150	min: 152.4 / 60 max: 38.1 / 150	min: 152.4 / 60 max: 38.1 / 150
Zoom / Focus	Manual / Manual	Manual / Manual	Manual / Manual	Digital / Manual	Digital / Manual	Digital / Manual
Connectivity	2 HDMI, RGB: In/Out, Video, LAN, optional WLAN, USB A, USB B, PC Control, Audio: 2 In, 1 Out, Micro In, 3D Sync, MultiPresenter Functionality		2 HDMI, RGB: In/Out, Video, LAN, optional WLAN, USB A, USB B, PC Control, Audio: 2 In, 1 Out, Micro In, 3D Sync	2 HDMI, RGB: In/Out, Video, LAN, optional WLAN, USB A, USB B, PC Control, Audio: 2 In, 1 Out, Micro In, 3D Sync		
Power [W AC] Hi-Bright / Normal / ECO / Power-Saving	304 / 230 / 193 / 0.45	304 / 230 / 193 / 0.45	338 / 276 / 221 / 0.4	A, USB B, PC Control,	338 / 276 / 221	335 / 278 / 246 / 0.4
Lamp Life Normal / ECO [hrs.]	5000 / 9000	5000 / 9000	5000 / 8000	5000 / 8000	5500 / 8000	5500 / 8000
Dimensions (W x H x D) [mm]	339 x 108.5 x 259	339 x 108.5 x 259	367 x 97 x 285	368 x 97 x 286	367 / 133 / 291	367 / 133 / 291
Weight [kg]	2.9	2.9	3.7	3.6	3.7	3.6
Speakers [W]	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20
Education Warranty Available	•	•	•	•	•	•

\* Specification subject to change until launch

	U321H	U321Hi-MT	U321Hi-MP	UM351W	UM-351Wi-MT	UM-351Wi-MP	UM-352Wi-MT	UM-352Wi-MP
Order Code	60003952	60003945	60003944	60003842	60003941	60003910	60003955	60003889
Projection Technology	DLP™	DLP™	DLP™	3LCD	3LCD	3LCD	3LCD	3LCD
Aspect Ratio	16:9	16:9	16:9	16:10	16:10	16:10	16:10	16:10
Native Resolution	1920 x 1080 (Full-HD)	1920 x 1080 (Full-HD)	1920 x 1080 (Full-HD)	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1280 x 800 (WXGA)
Brightness [ANSI Lumen]	3200	3200	3200	3500	3500	3500	3500	3500
Contrast Ratio	10000:1	10000:1	10000:1	6000:1	6000:1	6000:1	6000:1	6000:1
Projection Factor	0.25:1	0.25:1	0.25:1	0.36:1	0.36:1	0.36:1	0.36:1	0.36:1
Projection Distance [m]	0.195 - 0.306	0.195 - 0.306	0.195 - 0.306	0.11 - 0.51	0.11 - 0.51	0.11 - 0.51	0.11 - 0.51	0.11 - 0.51
Projection Angle [°]	57	57	57	49.2	49.2	49.2	49.2	49.2
Screen Size (cm / inch)	min.: 216 / 85 max.: 254 / 100	min.: 216 / 85 max.: 254 / 100	min.: 216 / 85 max.: 254 / 100	min.: 147.3 / 58 max.: 279 / 110	min.: 147.3 / 58 max.: 279 / 110	min.: 147.3 / 58 max.: 279 / 110	min.: 147.3 / 58 max.: 279 / 110	min.: 147.3 / 58 max.: 279 / 110
Zoom / Focus	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual
Connectivity	HDMI, RGB In, Video, USB B, PC Control	HDMI, RGB In, Video, USB B, PC Control	HDMI, RGB In, Video, USB B, PC Control	2 HDMI, RGB In/Out, Video, LAN, optional WLAN, PC Control, 2 USB A, USB B, Audio 3 In, 1 Out, Micro In			2 HDMI, RGB In/Out, Video, LAN, optional WLAN, PC Control, 2 USB A, USB B Audio 3 In, 1 Out, Micro In	
Power [W AC] Hi-Bright / Normal / ECO / Power-Saving	- / 312 / 264 / 0.5	- / 312 / 264 / 0.5	- / 312 / 264 / 0.5	324 / 257 / 214 / 0.5	324 / 257 / 214 / 0.5	324 / 257 / 214 / 0.5	326 / 261 / 216 / 0.5	326 / 261 / 216 / 0.5
Lamp Life Normal / ECO [hrs.]	3000 / 4000	3000 / 4000	3000 / 4000	5000 / 6000	5000 / 6000	5000 / 6000	5000 / 6000	5000 / 6000
Dimensions (W x H x D) [mm]	383 x 85 x 308	383 x 85 x 308	383 x 85 x 308	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428
Weight [kg]	4.7	4.7	4.7	5.6	5.6	5.6	5.6	5.6
Speakers [W]	1 x 8	1 x 8	1 x 8	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20
Education Warranty Available	•	•	•	•	•	•	•	•
Multi-Touch	-	•	-	-	•	-	•	-
Multi-Pen	-	-	•	-	-	•	-	•

UM | UMI Series | Ultra-Short-Throw

	UM301W	UM301Wi-MT	UM301Wi-MP	UM361X	UM361Xi-MP	UM301X	UM301Xi-MP
Order Code	60003840	60003940	60003908	60003843	60003911	60003841	60003909
Projection Technology	3LCD	3LCD	3LCD	3LCD	3LCD	3LCD	3LCD
Aspect Ratio	16:10	16:10	16:10	4:3	4:3	4:3	4:3
Native Resolution	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1024 x 768 (XGA)	1024 x 768 (XGA)	1024 x 768 (XGA)
Brightness [ANSI Lumen]	3000	3000	3000	3600	3600	3000	3000
Contrast Ratio	6000:1	6000:1	6000:1	6000:1	6000:1	6000:1	6000:1
Projection Factor	0.36:1	0.36:1	0.36:1	0.36:1	0.36:1	0.36:1	0.36:1
Projection Distance [m]	0.11 - 0.51	0.11 - 0.51	0.11 - 0.51	0.11 - 0.51	0.11 - 0.51	0.11 - 0.51	0.11 - 0.51
Projection Angle [°]	49.2	49.2	49.2	53.1	53.1	53.1	53.1
Screen Size (cm / inch)	min: 147.5 / 58 max: 279 / 110	min: 147.5 / 58 max: 279 / 110	min: 147.5 / 58 max: 279 / 110	min: 156.2 / 61.5 max: 296.2 / 116.6	min: 156.2 / 61.5 max: 296.2 / 116.6	min: 156.2 / 61.5 max: 296.2 / 116.6	min: 156.2 / 61.5 max: 296.2 / 116.6
Zoom / Focus	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual
Connectivity	2 HDMI, RGB: In/Out, Video, LAN, optional WLAN, 3 USB A, PC Control, Audio: 2 In, 1 Out, Micro In			2 HDMI, RGB: In/Out, Video, LAN, optional WLAN, 3 USB A, PC Control, Audio: 2 In, 1 Out, Micro In		2 HDMI, RGB: In/Out, Video, LAN, optional WLAN, 3 USB A, PC Control, Audio: 2 In, 1 Out, Micro In	
Power [W AC] Hi-Bright / Normal / ECO / Power-Saving	285 / 227 / 190 / 0.5	285 / 227 / 190 / 0.5	285 / 227 / 190 / 0.5	324 / 257 / 214 / 0.5	324 / 257 / 214 / 0.5	285 / 227 / 190 / 0.5	285 / 227 / 190 / 0.5
Lamp Life Normal / ECO [hrs.]	5000 / 8000	5000 / 8000	5000 / 8000	5000 / 6000	5000 / 6000	5000 / 8000	5000 / 8000
Dimensions (W x H x D) [mm]	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428
Weight [kg]	5.5	5.5	5.5	5.6	5.6	5.5	5.5
Speakers [W]	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20
Education Warranty Available	•	•	•	•	•	•	•
Multi-Touch	-	•	-	-	-	-	-
Multi-Pen	-	-	•	-	•	-	•

	P451W	P501X	P502H	P502W	P502HL	PA653UL*	PA803W
Order Code	60003449	60003450	60003901	60003900	60003694	60003661	60004121
Projection Technology	3LCD	3LCD	DLP™	DLP™	DLP™	3LCD	3LCD
Aspect Ratio	16:10	4:3	16:9	16:10	16:9	16:10	16:10
Native Resolution	1280 x 800 (WXGA)	1024 x 768 (XGA)	1920 x 1080 (Full HD)	1280 x 800 (WXGA)	1920 x 1080 (Full HD)	1920 x 1200 (WUXGA)	1920 x 1200 (WUXGA)
Brightness [ANSI Lumen]	4500	5000	5000	5000	5000	6500	8000
Brightness in ECO Mode [approx. %]	80	80	80	80	80*	N/A	80
Contrast Ratio	4000:1	4000:1	6000:1	6000:1	15000:1	2000:1	10000:1
Lens [mm]	F= 1.7 - 2.2 f= 17.4 - 29.0	F= 1.7 - 2.2 f= 17.4 - 29.0	F= 2.0 - 2.5 f= 18.2 - 31.1	F= 2.0 - 2.5 f= 18.2 - 31.1	F= 2.0 - 2.5 f= 18.2 - 31.1	optional	optional
Lens: optional bayonet lenses	No optional lens	No optional lens	No optional lens	No optional lens	No optional lens	3	8
Projection Factor (std. option)	1.3 - 2.2:1	1.3 - 2.2:1	1.24 - 2.11 : 1	1.3 - 2.21 : 1	1.24 - 2.1:1	1.3-3.02:1 (NP41ZL)	1.3-3.02:1 (NP41ZL)
Projection Distance [m]	0.7 - 14.6	0.6 - 13.8	0.8 - 14.5	0.8 - 14.5	0.8 - 14.2	0.7 – 50.9	0.7 – 50.9
Screen Size (cm / inch)	min.: 64 / 25 max.: 762 / 300	min.: 64 / 25 max.: 762 / 300	min.: 76 / 30 max.: 762 / 300	min.: 76 / 30 max.: 762 / 300	min.: 76 / 30 max.: 762 / 300	12.7 / 500	12.7 / 500
Lens Adjustment	Manual	Manual	Manual	Manual	Manual	Motorized	Manual / Motorized
Connectivity	2 HDMI, RGB In/Out, S-Video, PC Control, RCA In, 2 USB A, USB B, LAN, optional WLAN, Audio: 2 In, 1 Out, Micro In		2 HDMI, HDBaseT, RGB In/Out, PC Control, RCA In, 2 USB A, LAN, optional WLAN, Audio: 2 In, 1 Out, 3D Sync, MultiPresenter functionality			HDMI: 2 In, DP, RGB In, LAN, USB A, HDBaseT In/ Out, Audio: 6 In, 2 Out, 3D Sync, Remote In	
Power [W AC] Standard / ECO / Power-Saving	292 / 231 / 0.4	292 / 231 / 0.4	305 / 366 / 0.3	305 / 366 / 0.3	442 / 347 / 0.3	TBD	542 / 376 / 0.26
Lamp Power: Normal / ECO [W / UHP AC]	270 / 163	270 / 163	375 / -	375 / -	Laser Light Source	Laser Light Source	420 / 280
Lamp Life: Hi Br / Normal / ECO [hrs.]	3500 / 4000 / 6000	3500 / 4000 / 6000	3000 / 4000 / 5000	3000 / 4000 / 5000	20000	20000	- / 3000 / 5000
Dimensions (W x H x D) [mm]	398 x 115 x 282	398 x 115 x 282	362 / 129 / 302	362 / 129 / 302	469 x 137 x 365	580 x 490 x 208	499 x 163.7 x 406
Weight [kg]	4.1	4.1	5.2	5.2	8.8	16	10.2
Speakers [W]	1 x 16	1 x 16	1 x 20	1 x 20	1 x 20	-	-
Education Warranty Available	•	•	-	-	-	-	-

PA Series | Professional Advanced

	PA653U	PA703W	PA853W	PA903X
Order Code	60004120	60004080	60004119	60004118
Projection Technology	3LCD	3LCD	3LCD	3LCD
Aspect Ratio	16:10	16:10	16:10	4:3
Native Resolution	1920 x 1200 (WUXGA)	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)
Brightness [ANSI Lumen]	6500	7000	8500	9000
Brightness in ECO Mode [approx. %]	80	80	80	80
Contrast Ratio	8000:1	8000:1	10000:1	10000:1
Lens [mm]	optional	optional	optional	optional
Lens: optional bayonet lenses	8	8	8	8
Projection Factor (std. option)	1.3-3.02:1 (NP41ZL)	1.3-3.02:1 (NP41ZL)	1.3-3.02:1 (NP41ZL)	1.3-3.02:1 (NP41ZL)
Projection Distance [m]	0.7 – 50.9	0.7 – 50.9	0.7 – 50.9	0.7 – 50.9
Screen Size (cm / inch)	12.7 / 500	12.7 / 500	12.7 / 500	12.7 / 500
Lens Adjustment	Manual / Motorised	Manual / Motorised	Manual / Motorised	Manual / Motorised
Connectivity	HDMI: 2 In, DP, RGB In, LAN, USB A, HDBaseT In/ Out, Audio: 6 In, 2 Out, 3D Sync, Remote In			
Power [W AC] Standard / ECO / Power-Saving	482 / 376 / 0.26	482 / 376 / 0.26	542 / 376 / 0.26	542 / 376 / 0.26
Lamp Power: Normal / ECO [W / UHP AC]	370 / 280	370 / 280	420 / 280	420 / 280
Lamp Life: Hi Br / Normal / ECO [hrs.]	- / 4000 / 5000	- / 4000 / 5000	- / 3000 / 5000	- / 3000 / 5000
Dimensions (W x H x D) [mm]	499 x 163.7 x 406	499 x 163.7 x 406	499 x 163.7 x 406	499 x 163.7 x 406
Weight [kg]	10.2	10.2	10.2	10.2
Speakers [W]	-	-	-	-
Education Warranty Available	-	-	-	-

\* Brightness in Normal Mode [approx. %]

	PX1004UL	PX803UL	PX602UL	PX602WL	PH1400U	PH1201QL	PH1202HL
Order Code	60004235 (BK), 60004077 (WH)	60004004 (BK), 60004010 (WH)	60003795 (BK), 60003695 (WH)	60003794 (BK), 60003696 (WH)	60003442	60003698	60003902
Projection Technology	DLP™	DLP™	DLP™	DLP™	3-chip DLP™ Technology	DC4K Chip - DLP™ Technology	3-chip DLP™ Technology
Aspect Ratio	16:10	16:10	16:10	16:10	16:10	19:10	16:9
Native Resolution	1920x1200 (WUXGA)	1920x1200 (WUXGA)	1920x1200 (WUXGA)	1280 x 800 (WXGA)	1920 x 1200 (WUXGA)	4096 x 2160 (4K)	1920 x 1080 (1080p)
Brightness [ANSI Lumen]	10000	8000	6000	6000	13500	12000	12000
Brightness in ECO Mode [approx. %]	80	80	80	80	75	85	75
Contrast Ratio (DB™ = with DynamicBlack™)	10000:1	10000:1	10000:1	10000:1	2000:1	2000:1	10000:1
Lens [mm]	optional	optional	optional	optional	optional	optional	optional
Lens: optional bayonet lenses (LM = with lens memory)	8 (6 with LM)	8 (6 with LM)	5	5	7 (6 with LM)	9 with LM	6 with LM
Projection Factor (std. option)	depending on lens selection	depending on lens selection	depending on lens selection	depending on lens selection	0.67:1 & 0.9 - 6.96:1	0.9:1 & 1.13:1 - 7.4:1	0.9:1 - 6.76:1
Projection Distance [m]	0.8 (NP16FL) 54 (NP21ZL)	0.8 (NP16FL) 54 (NP21ZL)	1.02 - 19.39	1.02 - 19.39	1.1 (NP25FL) 74 (NP29ZL)	depending on lens selection	depending on lens selection
Screen Size (cm / inch)	min.: 127 / 50 max.: 760 / 300	min.: 127 / 50 max.: 760 / 300	min.: 127 / 50 max.: 762 / 300	min.: 127 / 50 max.: 762 / 300	min.: 203 / 80 max.: 1720 / 500	min.: 203 / 80 max.: 1720 / 500	min.: 152 / 60 max.: 1524 / 600
Lens Adjustment	Motorised	Motorised	Motorised	Motorised	Motorised	Motorised	Motorised
Connectivity	HDMI In/Out, DP, RGB In, 5BNC (incl. Video / S-Video), LAN, optional WLAN, USB A, PC Control, Audio: 5 In, 1 Out, 3D Sync Out, Remote In, OPS slot	HDMI In/Out, DP, RGB In, 5BNC (incl. Video / S-Video), LAN, optional WLAN, USB A, PC Control, Audio: 5 In, 1 Out, 3D Sync Out, Remote In, OPS slot	HDMI In/Out, DP, RGB In, 5BNC (incl. Video / S-Video), LAN, optional WLAN, USB A, PC Control, Audio: 5 In, 1 Out, 3D Sync Out, Remote In, OPS slot	HDMI In/Out, DP, HDBaseT RGB: 2 In, S-Video, Video LAN, USB A, PC Control, OPS Slot, Remote In, OPS slot	HDMI, DP, RGB: 3 In, 1 Out, S-Video, LAN, optional WLAN, 2 USB A, PC Control, OPS Slot, 3D Sync Out/In, 3D DVI In, Remote in	2 HDMI, 2 DVI-D, 4 3G-SDI	HDMI In/Out, DP, HDBaseT, 2 RGB In, Video, S-Video, LAN, USB A, PC Control, 3D Sync Out, OPS slot
Power [W AC] Standard / ECO / Power-Saving	1400 / TBD / TBD	850 / 446 / 0.27	550 / 270 / <0.5	550 / 270 / <0.5	705 / 585 / 0.5	1600 / - / -	1392 / 752 / 0.5
Lamp Power: Normal /ECO [W / UHP AC]	Laser Light Source		Laser Light Source		2 x 465 / 2 x 365	Laser Light Source	
Lamp Life: Hi Br / Normal / ECO [hrs.]	20000	20000	20000	20000	- / 2500 / 3000	20000	- / 20000 / 30000
Dimensions (W x H x D) [mm]	500 x 205 x 580	500 x 205 x 580	484 x 195 x 509	484 x 195 x 509	558 x 235 x 578	700 x 323 x 935	680 x 333 x 860
Weight [kg]	28	28	18.5	18.5	39	67.5	68

## Upgrade Options

Option Boards for PX & PH Series		
Slot Option	Format	Order Code
Celeron N2807 2 x 1.58 GHz	OPS	100013752
	OPS standard	100014256
Celeron G3900E 2 x 2.4GHz	OPS configurable	100014266
	OPS standard	100014257
Core i3 6100E 2 x 2.7GHz	OPS configurable	100014209
	OPS standard	100014259
Core i5 6440EQ 4 x 2.7GHz	OPS configurable	100014210
	OPS standard	100014260
Core i7 6820EQ 4 x 2.8GHz	OPS configurable	100014212
	OPS	100012893
HD-SDI 1.5G	OPS	100012947
OPS-2C HMDI DP	OPS	100014188
Quad 3G SDI	OPS	100014173
Digital Signage Player	OPS	100013538
HDBaseT Sender	OPS	100013613
HDBaseT Receiver	ext.	100013612



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## Digital Cinema

	NC1000C	NC1200C	NC2000C	NC3200S	NC3240S	NC1201L	NC1700L	NC3540LS
Order Code	60004093	60002948	60002815	60002816	60003070	60003926	60004088	60004087
DMD	DC Chip DLP Technology		DC Chip DLP Technology		DC Chip DLP Technology		DC Chip DLP Technology.	
Screen Sizes	up to 10.6 m	up to 14 m	up to 20 m	up to 32 m	up to 32 m	up to 12 m	up to 17	up to 33
Light Source	400 W x 2 NSH Lamps	max 2.0KW	max 4.0KW	max. 7.0KW	max. 7.0KW	Laser Ph source	RB Laser source	RGB Laser source
Contrast Ratio (full on/off)	> 1800:1	> 2200:1	> 2200:1	> 2200:1	> 2200:1	> 1650:1	1750:1	2000:1
DMD Specifications	2K, 0.69" DC2K	2K, 0.98" DC2K	2K, 1.25" DC2K	2K, 1.25" DC2K	4K, 1.38" DC2K	2K, 0.69" DC2K	2K, 0.69" DC2K	4K, 1.38" DC4K
Primary Lenses	1.2 to 1.72:1 zoom; 1.33 to 2.1:1 zoom; 1.62 to 2.7:1 zoom; 2.09 to 3.9:1 zoom; 4.07 to 6.34:1 zoom	1.2 to 1.8:1 zoom; 1.3 to 1.75:1 zoom; 1.4 to 2.05:1 zoom; 1.59 to 2.53:1 zoom; 1.9 to 3.25:1 zoom; 2.4 to 3.9:1 zoom; 3.9 to 6.5:1 zoom	1.2 to 1.8:1 zoom; 1.3 to 1.75:1 zoom; 1.4 to 2.05:1 zoom; 1.59 to 2.53:1 zoom; 1.9 to 3.25:1 zoom; 2.4 to 3.9:1 zoom; 3.9 to 6.52:1 zoom	1.25 to 1.45:1 zoom; 1.44 to 2.05:1 zoom; 1.6 to 2.4:1 zoom; 1.8 to 3:1 zoom; 2.15 to 3.6:1 zoom; 3 to 4.3:1 zoom; 4.3 to 6:1 zoom	1.13 to 1.66:1 zoom; 1.30 to 1.85:1 zoom; 1.44 to 2.16:1 zoom; 1.63 to 2.71:1 zoom; 1.95 to 3.26:1 zoom; 2.71 to 3.89:1 zoom	1.2 to 1.72:1 zoom; 1.33 to 2.1:1 zoom; 1.62 to 2.7:1 zoom; 2.09 to 3.9:1 zoom; 4.07 to 6.34:1 zoom	1.2 to 1.72:1 zoom; 1.33 to 2.1:1 zoom; 1.62 to 2.7:1 zoom; 2.09 to 3.9:1 zoom; 4.07 to 6.34:1 zoom	1.13 to 1.66:1 zoom; 1.3 to 1.85:1 zoom; 1.44 to 2.16:1 zoom; 1.63 to 2.71:1 zoom; 1.95 to 3.26:1 zoom; 2.71 to 3.89:1 zoom
Dimension (W x H x D) [mm]	621 x 314 x 798	700 x 503 x 990	700 x 503 x 990	700 x 503 x 1,124	700 x 503 x 1,124	680 x 333 x 860	700 x 326 x 930	666 x 364 x 737
Cooling Method	No Air Duct	Liquid Cooling system with dust preventing electrostatic filter. Total thermal dissipation: 10.600 BTU. Projector exhaust: 10m³/min	Liquid Cooling system with dust preventing electrostatic filter. Total thermal dissipation: 18.800 BTU. Demand of Exhaust Duct 13CMM	Liquid Cooling inside, air cooling with dust preventing electrostatic filter. Total thermal dissipation: 35.500 BTU. Demand of Exhaust Duct 16CMM	Liquid Cooling inside, air cooling with dust preventing electrostatic filter. Total thermal dissipation: 35.500 BTU. Demand of Exhaust Duct 16CMM	No Air Duct	Circulating air cooling system	Liquid Cooling inside, air cooling with dust-preventing electrostatic filter



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# The Power to Surprise



The new NEC Large Format Series are the first to bring the benefits of the powerful Raspberry Pi solution to your point of display.



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