

Large Screen Displays



	E Series		
NEC Model Number	E328-2	E868	E988
MAP in USD	\$535	NO MAP	NO MAP
LCD Size	32"	86"	98"
Native Resolution	1920 x 1080	3840 x 2160	3840 x 2160
Runtime	16/7	18/7	24/7
Contrast Ratio (typical)	3000:1	1200:1 (without local dimming)	1200:1 (without local dimming)
Haze	28%	25%	28%
Brightness	400 cd/m ²	400 cd/m ²	400 cd/m ²
Refresh Rate	60Hz	60Hz	60Hz
Power Consumption (typical)	31W	205W	200W
Expansion Compatible	All OPS PC's when coupled with the OPS-DOCK	All OPS PC's when coupled with the OPS-DOCK	All OPS PC's when coupled with the OPS-DOCK
Dimensions (W x H x D)	28.61 x 16.63 x 2.64 in.	75.89 x 43.27 x 3.28 in.	86.4 x 49.22 x 3.32 in.
Bezel Width (L/R, T/B)	0.49/0.49, 0.49/0.55 in.	0.58/0.56, 0.56/0.58 in.	0.63/0.63, 0.63/0.63 in.
Speakers	Integrated 5W x 2	Integrated 10W x 2	Integrated 10W x 2
Optional Stand	ST-32E2	ST-801	ST-801

	M Series							
NEC Model Number	M321 / -PT / -IR	M431-2	M501-2	M551-2	M651-2	M751 / -AVT3	M861 / -AVT3	M981 / -AVT3
MAP in USD	\$868 / \$2,989 / \$2,818	\$1,206	\$1,448	\$1,908	\$2,759	\$3,413 / \$3,931	\$4,485 / \$5,118	\$12,219 / \$12,506
LCD Size	32"	43"	49"	55"	65"	75"	86"	98"
Native Resolution	1920 x 1080	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
Runtime	24/7	24/7	24/7	24/7	24/7	24/7	24/7	24/7
Contrast Ratio (typical)	1100:1	≥8,000:1 (Out of the box conditions, local dimming ON)						
Brightness	450 cd/m ²	500 cd/m ²	500 cd/m ²	500 cd/m ²	500 cd/m ²	500 cd/m ²	500 cd/m ²	500 cd/m ²
Refresh Rate	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz
Power Consumption (typical)	40W	80W	95W	110W	120W	205W	320W	340W
Expansion Compatible	No	Intel® Smart Display Module Small or Large*, Raspberry Pi Compute Module 4	Intel® Smart Display Module Small or Large*, Raspberry Pi Compute Module 4			Intel® Smart Display Module Small or Large, Raspberry Pi Compute Module 4, -AVT3 have SDM-S slot taken up by integrated solutions		
Dimensions (W x H x D)	28.6 x 16.8 x 2.6 in.	38.1 x 22.1 x 2.6 in.	43.4 x 25.1 x 2.4 in.	48.8 x 28.1 x 2.4 in.	57.4 x 32.9 x 2.5 in.	66.2 x 37.8 x 3.3 in.	75.9 x 43.3 x 3.3 in.	86.4 x 49.2 x 3.3 in.
Bezel Width (L/R, T/B)	13.9mm Even	14.9mm Even	13.9mm Even	14.9mm Even	15.9mm Even	15.9mm Even	15.9mm Even	15.9mm Even
Speakers	Integrated 5W x 2	Integrated 10W x 2	Integrated 10W x 2	Integrated 10W x 2	Integrated 10W x 2	Integrated 10W x 2	Integrated 10W x 2	Integrated 10W x 2
Optional Stand	ST-32M	ST-43M	ST-43M	ST-43M	ST-65M	ST-801	ST-801	ST-801

	MA Series		
NEC Model Number	MA431 / -IR / -MPi4e / -PT	MA491 / -IR / -MPi4e / -PT	MA551 / -IR / -MPi4e / -PT
MAP in USD	\$1,448 / \$3,621 / \$1,654 / \$3,863	\$1,597 / \$4,005 / \$1,803 / \$4,408	\$2,049 / \$3,779 / \$2,228 / \$4,515
LCD Size	43"	49"	55"
Native Resolution	3840 x 2160, Wide Color Gamut	3840 x 2160, Wide Color Gamut	3840 x 2160, Wide Color Gamut
Runtime	24/7	24/7	24/7
Contrast Ratio (typical)	≥8,000:1 (Out of the box conditions, local dimming ON)	≥8,000:1 (Out of the box conditions, local dimming O	≥8,000:1 (Out of the box conditions, local dimming O
Brightness	500 cd/m ²	500 cd/m ²	500 cd/m ²
Refresh Rate	60Hz	60Hz	60Hz
Power Consumption (typical)	70W	85W	90W
Expansion Compatible	Intel® Smart Display Module Small or Large, Raspberry Pi Compute Module 4, -AVT3, -PC5 and -MPi4E have SDM or Raspberry Pi Compute Module slots taken up by integrated solutions		
Dimensions (W x H x D)	38.1 x 22.1 x 2.6 in.	43.4 x 25.1 x 2.4 in.	48.8 x 28.1 x 2.4 in.
Bezel Width (L/R, T/B)	11.0/11.0, 11.0/15.6mm	12.5/12.5, 12.0/15.6mm	12.5/12.5, 12.0/15.6mm
Speakers	Optional Available (SP-RM3)	Optional Available (SP-RM3)	Optional Available (SP-RM3)
Optional Stand	ST-401, ST-43M	ST-401, ST-43M	ST-401, ST-43M

**-MPi4e models contain the NEC Mediaplayer within the Raspberry Pi Compute Module slot

Large Screen Displays

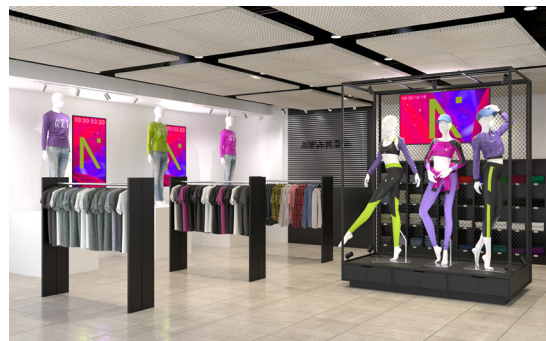
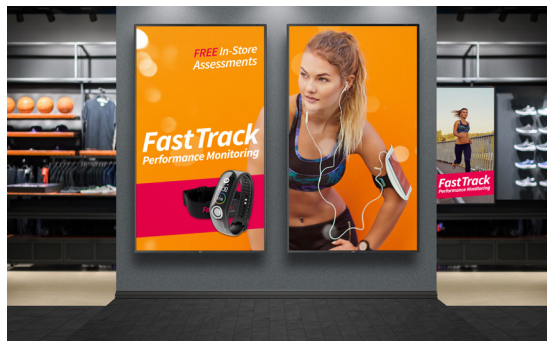
SHARP

	P Series	
NEC Model Number	P435 / -IR / -MPi4e / -PT	P495 / -IR / -MPi4E / -PT
MAP in USD	\$2,018 / \$3,920 / \$2,255 / \$4,238	\$2,253 / \$4,300 / \$2,490 / \$4,806
LCD Size	43"	49"
Native Resolution	3840 x 2160	3840 x 2160
Runtime	24/7	24/7
Contrast Ratio (typical)	≥8,000:1 (Out of the box conditions, local dimming ON)	≥8,000:1 (Out of the box conditions, local dimming ON)
Brightness	700 cd/m²	700 cd/m²
Refresh Rate	60 Hz	60 Hz
Power Consumption (typical)	90W	105W
Expansion Compatible	OPS* and Raspberry Pi Compute Module	OPS* and Raspberry Pi Compute Module
Dimensions (W x H x D)	38.1 x 22.1 x 2.6 in.	43.4 x 25.1 x 2.4 in.
Bezel Width (L/R, T/B)	0.43/0.43 in., 0.43/0.61 in.	0.49/0.49 in., 0.47/0.61 in.
Speakers	Optional available (SP-RM3)	Optional available (SP-RM3)
Optional Stand	ST-401	ST-401

	Sharp M/P Series	
Sharp Model Number	PN-M552	PN-P556
MAP in USD	\$1,908	\$2,839
LCD Size	55"	55"
Native Resolution	3840 x 2160	3840 x 2160
Runtime	24/7	24/7
Contrast Ratio (typical)	1200:1	1200:1
Brightness	550 cd/m²	700 cd/m²
Refresh Rate	60Hz	60Hz
Power Consumption (typical)	105W	115W
Expansion Compatible	Yes, SDM and RPi CM4 Compatible	
Dimensions (W x H x D)	48.7 x 27.9 x 2.3 in.	48.7 x 27.9 x 2.3 in.
Bezel Width (L/R, T/B)	11 mm/11 mm, 11 mm/13.9 mm	
Speakers	Integrated and Optional (SP-RM3a)	
Optional Stand	ST-43M	ST-43M

	Sharp ME Series					
Sharp Model Number	PN-ME432	PN-ME502	PN-ME552	PN-ME652	PN-ME752	PN-ME862
MAP in USD	\$872	\$1,050	\$1,114	\$1,532	\$2,701	\$3,695
LCD Size	43"	50"	55"	65"	75"	86"
Native Resolution	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
Runtime	18/7	18/7	18/7	18/7	18/7	18/7
Contrast Ratio (typical)	1200:1	4000:1	1200:1	1200:1	1200:1	1200:1
Brightness	400 cd/m²	450 cd/m²	450 cd/m²	450 cd/m²	450 cd/m²	450 cd/m²
Refresh Rate	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz
Power Consumption (typical)	90W	85W	120W	140W	132W	162W
Expansion Compatible	None, integrated SoC Design	None, integrated SoC Design	None, integrated SoC Design	None, integrated SoC Design	None, integrated SoC Design	None, integrated SoC Design
Dimensions (W x H x D)	38 x 21.8 x 2.4 in.	44 x 25.2 x 2.44 in.	48.5 x 27.7 x 2.44 in.	57.6 x 57.6 x 2.44 in.	66.4 x 37.9 x 2.7 in.	76.02 x 43.4 x 2.7 in.
Bezel Width (L/R, T/B)	9.9.9mm Even	9.9.9mm Even	9.9.9mm Even	15.9mm Even	15.9mm Even	15.9mm Even
Speakers	Integrated 10W x 2	Integrated 10W x 2	Integrated 10W x 2	Integrated 10W x 2	Integrated 10W x 2	Integrated 10W x 2
Optional Stand	ST-43M	ST-43M	ST-43M	ST-65M	ST-801	ST-801

	UN Series	
NEC Model Number	UN552 / UN552V	UN552S
MAP in USD	\$5,657 / \$5,243	\$6,584
LCD Size	55"	55"
Native Resolution	1920 x 1080	1920 x 1080
Runtime	24/7	24/7
Contrast Ratio (typical)	1200:1 (without local dimming)	1100:1 (without local dimming)
Brightness	700 cd/m²	500 cd/m²
Refresh Rate	60Hz	60Hz
Power Consumption (typical)	110W/ 150W	165W/165W
Expansion Compatible	OPS and Raspberry Pi Compute Module	
Dimensions (W x H x D)	47.8 x 27 x 4.1 in.	47.7 x 26.8 x 3.9 in.
Bezel Width (L/R, T/B)	0.09/0.05, 0.09/0.05 in.	0.02/0.02 in., 0.02/0.02 in.
Speakers	No	No
Optional Stand	ST-5220	ST-5220



*-PCS models contain a module within the OPS Slot | **-MPi4e models contain the NEC Mediaplayer within the Raspberry Pi Compute Module slot

Large Screen Displays

SHARP

	Open Pluggable Specification (OPS) PC Models
NEC Model No.	OPS-TAA8R-PS
MAP in USD	\$1,321
Hard Drive	64GB SSD
Operating System	Windows 10 IoT
CPU	A8-5550M, 2.1GHz Quad-Core
GPU	Radeon HD8550
RAM	4GB DDR3
Network Connections	Gigabite Ethernet, 802.11 b/g/n Wifi
Control I/O	USB 2.0 x 2, USB 3.0 x 2
Dimensions (W x H x D)	7.1 x 1.2 x 4.6 in.

	Smart Display Module (SDM) PC Models		
NEC Model No.	SDM-E2-0812	SDM-M2-0812	SDM-A2V-0812
MAP in USD	\$1,034	\$1,275	\$2,115
Hard Drive	64GB mSATA	128GB mSATA	256GB SSD
Operating System	Windows 10 IoT Enterprise LTSC 2021, 64bit	Windows 10 IoT LTSC, 64bit	Windows 10 IoT LTSC, 64bit
CPU	Intel® Atom® x6413E	Intel® Core™ i3-8100H	Intel® Core™ i5-8400H processor
GPU	Intel UHD Graphics 630	Intel UHD Graphics 630	Intel UHD Graphics 630
RAM	4GB DDR4 RAM, dual channel	8GB DDR4 RAM, dual channel	8GB DDR4 RAM, dual channel
Network Connections	Gigabite Ethernet	Gigabite Ethernet, Bluetooth, WiFi	Gigabite Ethernet, Bluetooth, WiFi
Control I/O	USB 3.1 x 2, MiniDP front output	USB 3.1 x 4, MiniDP++ front output	USB 3.1 x 4, MiniDP++ front output
Dimensions (W x H x D)	7.1 x 1.2 x 4.6 in.	7.1 x 1.2 x 4.6 in.	7.1 x 1.2 x 4.6 in.

NEC Model No.	Edition Raspberry Pi Compute Module	MAP in USD
MPI4E	1.2GHz quad core ARM Cortex A53, Broadcom VideoCore IV, 1 GB LPDDR2-900 SDRAM, 32GB eMMC on board memory, Pre-loaded with NEC MediaPlayer and CMS NEC MediaPlayer installed on the NEC Edition Raspberry Pi Compute Module 4 System on a Chip, Broadcom BCM2711, Quad-core Cortex-A72 (ARM v8) 64-bit SoC @ 1.5GHz, 4 GB LPDDR4-3200 SDRAM, 32GB eMMC on board memory.	\$229

NEC Model No.	Other SDM Options	MAP in USD
SDM-12GSDI	SDM based 12G SDI Receiver	\$1,609
SDM-HDBT	SDM based HD BaseT Receiver Module	\$516
DSI-TM01	ATSC / NTSC Tuner Module	\$286
SDM-DOCK	External dock for SDM accessories	\$390





LCD Interactive Touch Screen Display Systems

Sharp Model No.	4W-B55FT5U / 4W-B86FT5U	PN-LC652 / PN-LC752 / PN-LC862	PN-L652B / PN-L752B / PN-L862B	PN-LA652 / PN-LA752 / PN-LA862	PN-LM431 / PN-LM551
Sharp Advantage	3,840 x 2,160 pixel resolution / Built-in Digital Tuner & Media Player / HDR10 & HTML5 Web Browser / Built-in Wireless Connectivity	65"/75"/86" Class Whiteboards / Built-in SoC Controller / Optional PN-ZCMS1 AV Soundbar / Built-in Wireless Connectivity	65"/75"/86" Class Whiteboards / Built-in SoC Controller / Optional PN-ZCMS1 AV Soundbar / Built-in Wireless Connectivity	65"/75"/86" Class Whiteboards / Optional PN-ZCMS1 AV Soundbar / Built-in Wireless Connectivity / Window 11 Pro SDM Controller	43"/55" Class Whiteboards / Built-in SoC Controller / Optional PN-ZCMS1 AV Soundbar / Built-in Wireless Connectivity
MAP in USD	\$1,269 / \$3,779	\$2,358 / \$3,794 / \$5,169	\$2,933 / \$4,249 / \$5,578	\$10,574 / \$12,184 / \$14,714	\$1,645 / \$1,926
Screen Size	55" class (54.6" diagonal) 65" Class (64.5" diagonal) 75" Class (75.0" diagonal) 86" Class (85.6" diagonal)	65" class (64 - 1/2" diagonal) 75" class (74 - 1/2" diagonal) 86" class (85 9/16" diagonal)	65" class (64 - 1/2" diagonal) 75" class (74 - 1/2" diagonal) 86" class (85 9/16" diagonal)	65" class (64 - 1/2" diagonal) 75" class (74 - 1/2" diagonal) 86" class (85 9/16" diagonal)	43" class (42 - 1/2" diagonal) 55" class (54 - 5/8" diagonal)
UV2A Panel	No	No	No	No	No
Backlight	LED direct lit	LED direct lit	LED direct lit	LED direct lit	LED direct lit
Native Resolution	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
Contrast Ratio	1300:1 / 1300:1 / 1200:1 / 1200:1	1200:1 / 1200:1 / 1200:1	4000:1 / 5000:1 / 1200:1	1200:1 / 1200:1 / 1200:1	4000:1 / 5000:1
Brightness	270 cd/m ² / 300 cd/m ² / 350 cd/m ² / 350 cd/m ²	450 cd/m ² / 450 cd/m ² / 450 cd/m ²	400 cd/m ² / 400 cd/m ² / 400 cd/m ²	450 cd/m ² / 500 cd/m ² / 500 cd/m ²	500 cd/m ² / 500 cd/m ²
Optional PC	Yes - PN-SPCi5W11A	Yes - PN-SPCi5W11A	Yes - PN-SPCi5W11A	Yes - PN-SPCi5W11A	Yes - PN-SPCi5W11A
Dimensions (W x D x H)	48.3" (W) x 2.9" (D) x 28" (H) 56.9" (W) x 2.9" (D) x 32.9" (H) 65.9" (W) x 3" (D) x 37.8" (H) 75.7" (W) x 401" (D) x 43.4" (H)	59 1/2" x 3-3/8" x 36-1/8" 67-13/16" x 3-7/16" x 40-5/8" 77-1/2" x 3-7/16" 46-1/16"	58-19/32" (W) x 3-13/32" (D) x 35-5/16" (H) 67-5/16" (W) x 3-13/32" (D) x 40-3/32" (H) 77-3/32" (W) x 3-13/32" (D) 45-19/32" (H)	55 3/16" x 3-9/16" x 35-1/4" 67-3/4" x 3-3/8" x 40-3/8" 77-3/8" x 3-3/8" 45-13/16"	39 1/8" x 2-7/8" x 22-15/16" 49-13/16" x 2-7/8" x 28-15/16"
Weight	61.29 lbs. / 88.18 lbs. / 132.3 lbs / 150.4lbs.	84.9 lbs. / 112.4 lbs. / 143.3 lbs.	84 lbs. / 109.1 lbs. / 142.1 lbs.	84.9 lbs. / 112.4 lbs. / 143.3 lbs.	46.3 lbs. / 72.8 lbs.
Bezel Width	3 mm (L/R/T), 19 mm (B) 4 mm (L/R/T), 21 mm (B) 6 mm (L/R/T), 17 mm (B) 5.5 mm (L/R/T), 19 mm (B)	21.9 mm (L/R/T), 53.2 mm (B) 21.9 mm (L/R/T), 53.2 mm (B) 21.9 mm (L/R/T), 53.2mm (B)	29.9 mm (L/R) 31.9 mm (T), 60.8 mm (B) 29.4 mm (L/R) 29.5 mm (T), 61.7 mm (B) 30.8 mm (L/R) 30.6 (T), 62.7 mm (B)	4.8 mm (L/R/T), 32.3 mm (B) 4.8 mm (L/R/T), 32.3 mm (B) 4.8 mm (L/R/T), 32.3mm (B)	15 mm (L/R/T/B) 15 mm (L/R/T/B)
Built-in Speakers	Yes	Yes	Yes	Yes	Yes
Orientation	Landscape Only	Landscape Only	Landscape Only	Landscape/Portrait(counterclockwise)/ Face-up 0-20, 45 degrees	Landscape/Portrait/Tilt (Backward 0-45deg.)
Power Consumption	130W / 180W / 300W / 380W	180W / 200W / 260W	330W / 400W / 470W	190W / 205W / 275W	110W / 145W
Limited Warranty	5-Year Limited	5-Year Limited	5-Year Limited	5-Year Limited	5-Year Limited
Commercial Usage	16/7 Certified	16/7 Certified	16/7 Certified	24/7 Certified	18/7 Certified

Large Screen Displays

SHARP

	4K Ultra HD Commercial LCD Displays	
Sharp Model Number	4P-B50EJ2U / 4P-B55EJ2U / 4P-B65EJ2U / 4P-B75EJ2U	4P-B43EJ2U / 4P-B86EJ2U
Sharp Advantage	3,840 x 2,160 pixel resolution, Built-in Digital Tuner & Media Player, HDR10 & HTML5 Web Browser	
MAP in USD	\$590 / \$635 / \$850 / \$1,290	\$475 / \$2,365
Screen Size	50" class (49.5" diagonal) 55" class (54.6" diagonal) 65" Class (64.5" diagonal) 75" Class (75.0" diagonal)	43" Class (42.5" diagonal) 86" Class (85.6" diagonal)
UV²A Panel	No	No
Backlight	LED direct lit	LED direct lit
Native Resolution	3840 x 2160	3840 x 2160
Contrast Ratio	5000:1 / 1300:1 / 1300:1 / 1200:1	1000:1 / 1200:1
Brightness	300 cd/m² / 300 cd/m² / 330 cd/m² / 380 cd/m²	300 cd/m² / 380 cd/m²
Optional PC	Yes - PN-SPCi5W11A	Yes - PN-SPCi5W11A
Dimensions (W x D x H)	43.8" x 2.8" x 25.3" 48.3" x 2.9" x 28" 56.9" x 2.9" x 32.9" 65.9" x 3" x 37.8"	37.7" x 2.83" x 22" 75.7" x 4.1" x 43.4"
Weight	21.7 / 28.3 lbs. / 36.2 lbs. / 62.2 lbs	14.6 / 93.7 lbs
Bezel Frame Width	4 mm (L/R/T), 16 mm (B) 3 mm (L/R/T), 19 mm (B) 4 mm (L/R/T), 21 mm (B) 6 mm (L/R/T), 17 mm (B)	3 mm (L/R/T), 17 mm (B) 5.5 mm (L/R/T), 19 mm (B)
Built-in Speakers	Yes	Yes
Portrait and Landscape	Yes	Yes
Power Consumption	130W / 130W / 180W / 300W	TBA/ TBA
Limited Warranty	3-Year Limited	3-Year Limited
Commercial Usage	16/7 Certified	16/7 Certified

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