



NEC 46" with 3M DST – P462

HIGHLIGHTS

Touch Type:

Dispersive Signal Technology (DST) built by 3M

The touch position is determined by "bending waves" created by a finger. The touch screen is unaffected by surface contaminants such as dirt, dust and grime.

Monitor

LCD with LED backlight

Resolution:

Full 1080P

Operation

Industrial-strength, premium-grade panel with additional thermal protection, internal temperature sensors which allow for 24/7 operation.

Slide-In PC

Open Pluggable Specification (OPS) port allows for a PC to be ported into the slot and running off the same power source.

Currently running at Hilton concierge

Power Consumption

155W





NEC 46" with 3M DST – P462

SPECS

LCD MODULE	
Panel Technology	SPVA (P-DID)
Native Resolution	1920 x 1080
Backlight Type	CCFL
Brightness (Typical)	500 cd/m ²
Contrast Ratio (Typical)	3500:1
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Response Time (G-to-G)	8ms
Aspect Ratio	16:9
Active Screen Area (W x H)	40.1 x 22.5 in. / 1018.1 x 572.7mm
Orientation	Landscape/Portrait
Displayable Colors	More than 16.7 million
CONNECTIVITY	
PC/Mac Signal Compatibility	Yes
Input Terminals	
Digital	DisplayPort, HDMI, DVI-D
Analog	VGA 15-pin D-sub, 5 BNC (RGBHV, DVD/HD or Video), S-Video, BNC Composite
Audio	RCA Audio, Stereo Mini-Jack (2), HDMI Audio
External Control	RS-232C, LAN, IR Remote, DDC/CI
Output Terminals	
Digital	DisplayPort, DVI-D
Analog	BNC Composite
Audio	Stereo Mini-Jack, External Speaker Jack (2)
External Control	RS-232C, IR Remote
Digital Tuner	P462-AVT
Speakers	Integrated 10W (2), Optional 15W (2; SP-4046PV)
POWER CONSUMPTION	
On (Typical)	155W
ECO Mode Standby	<0.5W
PHYSICAL SPECIFICATIONS	
Bezel Width (L/R, T/B)	0.65 in./0.65 in., 0.65 in./0.65 in. ; 16.5mm/16.5mm, 16.5mm/16.5mm



NEC 46" with 3M DST – P462

SPECS

Net Dimensions (without stand; WxHxD)	41.6 x 24.0 x 4.1 in. / 1055.4 x 608.6 x 103mm
Net Weight (without stand)	52.5 lbs. / 23.8 kg
VESA Hole Configuration	300 x 300mm (4-hole)
ENVIRONMENTAL CONDITIONS	
Operating Temperature	41-104°F / 5-40°C
Operating Humidity	20 - 80%
Operating Altitude	9843 ft. / 3000m
LIMITED WARRANTY	3 years parts and labor, including backlight*
ADDITIONAL FEATURES	Advanced thermal capabilities; Advanced cooling system; Sealed panel design; Thin bezel; TileMatrix (10x10); TileComp; Separate group/Monitor ID function; Ethernet Control and Communication; RS-232 Control and Communication; Landscape/portrait capable; Carbon footprint meter; AccuBlend; Plug and Play (DDC/CI, DDC2B); Scheduler (w/ real timeclock); Sharpness/softness adjustment; Screen saver function; Ambient light sensor (AmbiBright); 6-axis color adjustment; Metal rear cabinet; POP; Side-by-Side; Kensington lock; 10-bit gamma; Handles; Touch- and protective screen-ready; Variable picture modes; Movie Settings; Input labeling; Backlight adjust; Aspect ratio control; Built-in speakers; OPS/Expansion slot; Input detect options; TAA-compliant
SHIPS WITH	Power cord; VGA cable (Mini 15-pin D-sub); Wireless remote control; Batteries; Cable cover; CD-ROM (user manual); Clamp; Screws
OPTIONAL ACCESSORIES	
NEC	Speakers (SP-4046PV for P402/P462; SP-RM1 for P552/P702); Stand (ST-4020 for P402; ST-4620 for P462; ST-5220 for P552; ST-701 for P702); Single Board Computer (NET-SBC-01/02/03/04); External Single Board Computer (TNETPC-I0N); Internal HD-SDI Card (SB-L007KK); DVI Daisychain (SB-L008WU); Digital IP Tuner (MPD-DTi); Wall Mount Kit (WMK-3257 for P402/P462/P552); Accessory pack for Wall Mount Kit (MIS513); Display Wall Calibrator Kit (KT-LFD-CC); OPS with Intel Core i5 (N8000-8830), OPS with AMD Dual Core Fusion, 160GB Hard Drive, W7P (OPS-PCAF-WH); OPS with AMD Dual Core Fusion, 32GB SSD, W7P (OPS-PCAF-WS); OPS with AMD Dual Core Fusion, 160GB Hard Drive, No OS (OPS-PCAF-H); OPS with AMD Dual Core Fusion, 32GB SS, W7P (OPS-PCAF-S); OPS Adapter (SB-02AM); Adaptor Mount Kit (AMK-P4046 for P402/P462; AMK-V422 for P552); OPS HD/SDI/3G-SDI Card (SB-04HC)
* Warranty restrictions apply. Contact your representative for details.	



ELO 42" – 4201 L

HIGHLIGHTS

Touch Type: Optical

Touch is optical which is controlled by 4 cameras in the corners of the monitor. Infrared back lights are placed in the camera's field of view on the other side of the screen. A touch shows up as a shadow and the cameras can pinpoint exact location of the touch.

Monitor

LCD with LED backlight

Resolution

Full 1080P

Operation

Professional-grade hardware with strengthened touch screen glass to withstand public use. Design allows for 24/7 operation.

Slide-In PC

Open Pluggable Specification (OPS) port allows for a PC to be ported into the slot and running off the same power source.

Power Consumption

85W





ELO 42" – 4201L

SPECS

Model	4201L
Form Factor	Digital Signage
Bezel Color	Black/White
Active Display Area (W x H)	36.6" x 20.6" (930 mm x 523 mm)
Dimensions* (W x D x H)	IntelliTouch Plus: 39.2" x 3.1" x 23.1" (995mm x 77.7mm x 588mm) Optical: 39.2" x 3.2" x 23.1" (995mm x 80.7mm x 588mm)
LCD Technology	Active matrix TFT LCD with LED backlight
Mounting Options*	VESA 4-hole mount per MIS-F, 400, 400, 6MM
Display Technology	Full HD 1920 x 1080 (native) active matrix TFT LCD with LED backlight; 1073m colors; 16:9 aspect ratio. Other resolutions supported
Aspect Ratio	16:9
Number of Colors	1073 million
Brightness (typical)	LCD Panel 700 nits; Optical 630 nits; IntelliTouch Plus 630 nits
Response Time (Tr + Tf) (typical)	6 ms
Viewing Angle (typical)	Horizontal: ±89°; Vertical: ±89°
Contrast Ratio (typical)	4000:1
Video Inputs	Video Analog VGA on Female DE-15 connector; HDCP-capable HDMI 1.3 on Type A connector; DisplayPort 1.1a connector; Input Video Horizontal Sync frequency range: 31.5-73KHz; Input Video Vertical Sync (frame rate) frequency range: 47-63Hz
Power	Input power connector: IEC 60320 C14; Input power signal specifications: 100-240VAC 50/60Hz; Monitor Only - Power Consumption: (typical at 110V at 60Hz): ON: 85W; SLEEP: 13W; OFF: 1W; Monitor Only - Power Consumption: (typical at 230V at 50Hz): ON: 82W; SLEEP: 14W; OFF: 2W;
Audio	Internal Speakers: 4 x 5W stereo speakers; Input audio connector: 3.5mm TRS jack; Input audio signal range: 1Vrms max stereo signal (standard PC line out); Headphone output connector: 3.5mm TRS jack
Weight	IntelliTouch Plus: Unpackaged—with ECMG2: 53.7 lbs (24.4kg); without ECMG2: 48.8 lbs (22.2kg); Packaged: with ECMG2: 69.1 lbs (31.4kg); without ECMG2: 64.2 lbs (29.2kg) Optical: Unpackaged—with ECMG2: 57.2 lbs (26.0kg); without ECMG2: 52.4 lbs (23.8kg); Packaged: with ECMG2: 72.6 lbs (33.0kg); without ECMG2: 67.8 lbs (30.8kg)
Shipping Dimensions	Width: 43.7" (1110 mm); Height: 28.3" (720 mm); Depth: 8.5" (215 mm)
Temperature	Operating: 32°F to 104°F (0°C to 40°C); Storage: -4°F to 122°F (-20°C to 50°C)
Humidity (non-condensing)	Operating: 20%-80%; Storage: 10%-95%



ELO 42" – 4201 L

● SPECS

Regulatory Approvals and Declarations	UL, FCC; cUL, IC; CB; CE; VCCI; C-Tick; NOM CoC; GOST; BSMI; KC, e-Standby; CCC, China RoHS; with RFID: UL, FCC; CE
Accessories	NFC Adapter (E603158), OPS Kit (E102270), OSD Control Box (E483757) Replacement Cable Kit (E000263), Stand (E455084), Wall Mount Kit (E750497), Webcam (E574975)
Warranty	3 years standard. On-site exchange (U.S. only) and extended warranty available
MTBF	50,000 hours demonstrated
*See dimensional drawings for details	



ELO wall mount unit – 22" ELO with i5 NUC (QM22wall)

HIGHLIGHTS

- Monitor: 22" Projective Capacitive ELO Multi-touch (Also available in wide viewing angle), Glass surface.
- PC: Intel i3/i5 NUC with 4GB memory, 60GB SSD and Win 7 Embedded.
- Unit is fully enclosed in a polished metal frame that comes with a wall bracket and sits less than 4" from the wall which follows ADA requirements.
- Touch Type Projective Capacitive is made up of a matrix of rows and columns of conductive material, layered on sheets of glass. When a conductive object (Finger) touches the screen a distortion of the electrostatic field is created which can pinpoint the location of the touch.

Monitor

LCD with LED backlight

Resolution

Full 1080P

Operation

Product designed to run 24/7

Power Consumption

75 Watts total

Dimensions

12.5" x 20.5" x 3" (WxHxD)





ELO wall mount unit – 22" ELO with i5 NUC (QM22wall)

SPECS

Model	2243L
Display	21.5" diagonal
Aspect ratio	16:9, active matrix TFT LCD with LED backlighting
Useful screen area	Horizontal: 18.8" (477 mm) Vertical: 10.6" (268 mm)
Monitor dimensions	Width: 20.2" (512 mm) Height: 11.7" (298 mm) Depth: 1.7" (43 mm) See dimensional drawings for details
Native (optimal) resolution	1920x1080
Other supported resolutions	640x480 60Hz; 720x576 50Hz; 800x600 56, 60Hz; 1024x768 60Hz; 1280x720 50, 60Hz; 1280x960 60Hz; 1280x1024 60Hz; 1366x768 60Hz; 1440x900 60Hz; 1680x1050 60Hz; 1920x1080 50, 60Hz
Colors	16.7 million
Brightness (typical)	LCD panel: 250 nits, IntelliTouch: 225 nits, IntelliTouch Plus: 225 nits, PCAP: 225 nits, SecureTouch: 225 nits
Response time - total (typical)	5 msec
Viewing angle (typical)	Horizontal: $\pm 85^\circ$ or 170° total, Vertical: $\pm 80^\circ$ or 160° total
Contrast ratio (typical)	1000:1
On-screen display (OSD)	Controls: Menu, Up, Down, Select; Settings: Brightness, Contrast, Clock, Phase, H-position, V-position, Auto-Adjust, Aspect Ratio, Sharpness, Color Temperature, OSD Timeout, OSD Language, OSD H-Position, OSD V-Position, Recall Defaults, Video Source; Languages: English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese; Lockouts: OSD, Power. Accessible through switches on the unit's tethered OSD Control Box
Input video format	Analog VGA, DVI-D
Input video signal connector	Mini D-Sub 15-Pin VGA type, DVI-D connector
Input frequency	Horizontal: 31.5-80 kHz, Vertical: 50-75 Hz
Power supply	External DC - optional power brick, sold separately Input power connector specification (Monitor) Type: DC Barrel Jack, Barrel inner diameter: 6.4mm (+/- 0.3mm) Pin outer diameter: 2.0mm (+0.0 -0.1 mm) Barrel depth: 8.8mm (+/- 0.3mm) Input voltage range: +12VDC $\pm 5\%$ Input power connector specification (Power brick) Type: IEC 60320 C14, Adapter input voltage range: 100-240VAC, 50/60Hz
Power consumption (typical)	ON (monitor only): 22W, ON (monitor + AC/DC adapter at 230V/50Hz): 25W, SLEEP (monitor + AC/DC adapter at 230V/50Hz): 2.2W, OFF (monitor + AC/DC adapter at 230V/50Hz): 1.1W



ELO wall mount unit – 22" ELO with i5 NUC (QM22wall)

● SPECS

Shipping Box Dimensions (W x D x H)	7.87" (200 mm) x 24.41" (620 mm) x 16.93" (430 mm)
Weight	Actual: 10.6 lb (4.8 kg) Shipping: 15.3 lb (7.0 kg)
Temperature	Operating: 0°C to 40°C (32°F to 104°F) Storage: -20°C to 60°C (-4°F to 140°F)
Humidity (noncondensing)	Operating: 20%-80%, Storage: 10%-90%
Enclosure Color	Black
Form factor	Open-frame
MTBF	50,000 hours demonstrated
Mounting options	VESA 4-hole 100mm mounting interface on rear of unit, 2-hole mounting interface on all 4 sides See dimensional drawings for details



DFI MK20

HIGHLIGHTS

- Monitor: 20" LCD with LED backlight
- Resolution: 1600x900
- PC: Intel i3/i5/i7 with up to 16GB memory, 60-128GB SSD, and Win 7 embedded
- Fully enclosed frame with metal construction

Touch Type

Projective Capacitive is made up of a matrix of rows and columns of conductive material, layered on sheets of glass. When a conductive object (Finger) touches the screen a distortion of the electrostatic field is created which can pinpoint the location of the touch.

Monitor

LCD with LED backlight

Resolution

1600 x 900

Operation

Product designed to run 24/7

Power Consumption

50 Watts total

Dimensions

12.9" x 23" x 2.6" (WxHxD)





DFI MK20

SPECS

Construction	Durable Steel Construction
LCD Panel	20" TFT, 1600x900
Touchscreen	Bezel-less, Projected Capacitive Multi-Touch
Video Camera	Optional, 2x 2 Megapixel, autofocusing
Microphone	1x
Main Board	DFI-ACP CR101-D
Processor	Third Generation, Ivy Bridge, Intel® Core™ i7/i5/i3
Chipset	Intel® HM76
Memory	2x DDR3, SO-DIMM up to 16GB (1066/1333/1600MHz)
Storage	Up to 2x 2.5" HDDs
Graphics	Intel® HD Graphics 4000
Graphics Ports	1x HDMI, 1x DVI-I
Audio	Realtek ALC886, 5.1 channel High Definition Audio
Audio Ports	1x Line-in, 1x Line-out, 1x Microphone
4G LTE	Optional
Wi-Fi	Optional 802.11g/n
RJ45 LAN Ports	2x Gigabit LAN
USB Ports	4x USB 3.0, up to 2x USB 2.0
DB-9 Serial Ports	1x
Speakers	2x (stereo, amplified)
Power Adapter	150W, AC input 100-240V, 3.0A, 50-60Hz
Dimensions (WxDxH)	(Head Unit) 327mm x 66.04mm x 585.3mm (12.9" x 2.6" x 23") (Stand) 220mm W x 202mm D (8.7" x 8")
Weight	(Head Unit) 17 lbs, (Stand) 17.75 lbs
Mounting Options	Standalone or wall mount, VESA (100x100mm and 100x200mm)
Additional Features	Dualband Antenna, Secured I/O Ports, blind secured mounting holes in base, Optional Card Reader



CHARGING STATION QM-CHARGE19-1

HIGHLIGHTS

- Audio: Dual speakers
- 6 Secured lockers which are color coded with LEDs based upon vacant (Green), occupied (red), and open (white).
- Weight: 170 Pounds
- Warranty: 1 year
- Operating System: Windows 7
- Operating temperatures: 10 to 35 degrees Celsius

The charging station is designed to support almost all phones and standard tablets.

Guests can gain access to individual charging lockers via smart card technology or 4 digit pass code. Each unit will either come equipped with a card reader or pin pad for locker verification.

Monitor

19" Touch LCD

Power Consumption

150-200 Watts (standard outlet). With power saving features when not in use.

Dimensions

68" x 22" x 14" (H x L x W)

