

# 1746L/1749L 17" LCD Rear-Mount Touchmonitors



Elo offers 1746L and 1749L 17" LCD rear-mount touchmonitors that are ideal for indoor/outdoor kiosks, ticketing machines, medical equipment, industrial automation, and gaming/amusement applications. The 1749L features a wide viewing angle panel and the 1746L offers a lower spec panel. Both touchmonitors feature Elo's clear glass IntelliTouch surface wave touch technology for the utmost in optical quality. The 1749L is also available with surface capacitive touch technology. The touchmonitors complement Elo's existing family of 12.1", 15", 17" and 19" LCD chassis touchmonitors that feature a choice of Elo's touch technologies.

The 1746L and 1749L 17" LDC rear-mount touchmonitors have identical form factors, differing only in their panel specifications, offering customers a choice that they can easily pass on to their customers. The 1746L and 1749L touchmonitors, like all of Elo's LCD chassis monitors, have a long-lasting product cycle because the enclosure is controlled by Elo's specifications. The monitors feature a unique injection-molded minibezel and virtually invisible watertight seal, plus a choice of mounting options including rear-mount VESA. The 1749L offers a Digital Video Input (DVI-I) in addition to the standard analog input. Both have built-in support for both serial and USB touch interface, a remote multilingual on-screen display (OSD), as well as worldwide power and agency approvals.

## Benefits

- Choice of panel within same footprint, including high-quality 170° x 170° panel
- Long-lasting product cycle— enclosure controlled by Elo specifications
- Integrated precision minibezel with watertight 0.5 mm seal
- Multiple mounting options including VESA mount
- IntelliTouch surface-wave technology on pure glass for the ultimate in image quality
- Combined serial and USB touch interface
- Remote multilingual on-screen display (OSD)
- Worldwide agency approvals



## 1746L/1749L 17" LCD Rear-Mount Touchmonitors

Model	1746L	1749L
Case/bezel color	Steel/black	
Display type	Active matrix TFT LCD	
Display size	17.0" diagonal	
Useful screen area		
Horizontal/vertical	338 mm (13.3")/270 mm (10.6")	
Monitor dimensions	Width: 371 mm (14.6") With brackets: 391 mm (15.4") Height: 315 mm (12.4") With brackets: 335 mm (13.2") Depth: 53 mm (2.1")	
Optimal (native) resolution	1280 x 1024	
Other supported resolutions	1024 x 768 at 60, 70, or 75 Hz Others including VGA, Mac, and Sun	
Colors	16.2 million with dithering 6-bit per color data	16.7 million True 8-bit data
Brightness (typical/min.)		
LCD panel	260 cd/m <sup>2</sup> , 200 cd/m <sup>2</sup>	250 cd/m <sup>2</sup> , 220 cd/m <sup>2</sup>
LCD panel with IntelliTouch	239 cd/m <sup>2</sup> , 184 cd/m <sup>2</sup>	230 cd/m <sup>2</sup> , 202 cd/m <sup>2</sup>
Response time (typical)		
Rise/fall	9 msec/16 msec	15 msec/10 msec
Viewing angle (typical at CR>10)		
Horizontal (left/right)	70°/70°	85°/85°
Vertical (up/down)	70°/70° or 140° x 140° total	85°/85° or 170° x 170° total
Contrast ratio	450:1	1500:1
Input video format	Analog (no proprietary video card needed)	Analog (no proprietary video card needed) and Digital Video Input (DVI-I)
Input sync format	Separate H and V sync, composite sync, and sync-on-green	
Input video signal connector	Mini D-Sub 15-Pin	Mini D-Sub 15-Pin and DVI-I
Scanning frequency		
Horizontal/vertical	31.5–80 kHz/56.3–75 Hz	
Power dissipation	50 W (max.)	
Power supply: External brick	Input: 100–240 VAC, 50-60 Hz	
Monitor input voltage	Input: 12 VDC	
Current	4.16 A (max.)	
Temperature		
Operating/storage	0°C to 40°C/-20°C to 60°C	
Humidity (noncondensing)		
Operating/storage	20% to 80%/10% to 90%	
Backlight lamp life (typical)	40,000 hours to half brightness	
Weight (approx.)		
Actual/shipping	5.0 kg (11 lb)/8.6 kg (19 lb)	
Touch interface	Serial and USB included	
Agency certification	UL, cUL, FCC, IC, CE, TÜV-GS, VCCI, C-Tick	
Other features	Digital on-screen display (OSD) Rear mount from top/bottom or left/right with brackets (included) 100 mm or 75 mm VESA mounting Remote multilingual on-screen display (OSD) with 1.8 m cable Exclusive integrated precision minibezel with watertight 0.5 mm seal	

Find out more about Elo's extensive range of touch solutions. Go to [www.elotouch.com](http://www.elotouch.com), or simply call the office nearest you.

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