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1739L 17-inch Open-Frame Touchmonitor

selected part numbers discontinued September 2010; suggested [replacement](#) is identical in form, fit and mechanical design



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Elo chassis LCD monitors have a long-lasting product cycle because the enclosure is controlled by Elo specifications. Future panel improvements are therefore possible without external changes. The 1739L features a wide viewing angle panel along with a unique, injection-molded minibezel and virtually invisible watertight seal. Available with a choice of touch technology including clear glass IntelliTouch surface wave for the utmost in optical quality.

SecureTouch in action - view a video of the [UL-60950 ball-drop test!](#)

Features

- High quality panel with 160°x160° viewing angle
- 1000:1 contrast ratio, and 300-nit brightness (LCD panel)
- Long lasting product cycle-enclosure controlled by Elo specifications
- Future generation panels phased-in without external changes
- Integrated precision minibezel with [watertight 0.5 mm seal](#)
- Mounting options including rear-mount (two standard rear-mount brackets included) and [VESA mount](#); optional front mount (see [Accessories](#) for details) and rack mount (see [Accessories](#) for details)
- [AccuTouch Five-Wire Resistive](#), [IntelliTouch Surface Wave](#), [SecureTouch Surface Wave](#), [CarrollTouch Infrared](#), and [Surface Capacitive](#) touch technology with dual serial/USB touch interface; [Acoustic Pulse Recognition touch technology](#) with USB touch interface. (SecureTouch monitors use a 3 mm chemically strengthened glass touch sensor.)
- Multilingual on-screen display (OSD)
- Worldwide agency approvals
- 3-D electronic design files available

Specifications

Model	1739L
Form factor	Open-frame
Enclosure color	Steel/black
Diagonal size	17.0"
Aspect ratio	5:4
Useful screen area	Horizontal: 13.3" (338 mm) Vertical: 10.6" (270 mm)
Monitor dimensions	Width: 14.5" (368 mm) Height: 12.0" (306 mm) Depth: 1.9" (49 mm)
Native (optimal) resolution	1280 x 1024 at 60 Hz
Other supported resolutions	1280 x 1024 at 60, 70 or 75 Hz 1280 x 960 at 60 Hz 1152 x 864 at 75 Hz 1024 x 768 at 60, 65 (Sun), 70 or 75 Hz 832 x 624 at 75 Hz (Mac) 800 x 600 at 56, 60, 72 or 75 Hz 720 x 400 at 70 Hz 720 x 350 at 70 Hz 640 x 480 at 60, 66 (Mac), 72 or 75 Hz
Colors	16.7 million
Brightness (typical)	LCD panel: 250 nits AccuTouch: 200 nits Acoustic Pulse Recognition: 225 nits CarrollTouch: 225 nits IntelliTouch: 225 nits SecureTouch: 220 nits Surface capacitive: 207 nits
Response time - total (typical)	7.2 msec
Viewing angle (typical)	Horizontal: ±80° or 160° total Vertical: ±80° or 160° total
Contrast ratio (typical)	1000:1
Input video format	RGB Analog only
Input video signal connector	Mini D-Sub 15-Pin VGA type
Input frequency	Horizontal: 31.5-80.0 kHz Vertical: 56.3-75 Hz
Power supply	External DC - optional power brick Input voltage DC: +12VDC ±5% Input power connector specification (Monitor) Type: DC Barrel Jack Barrel inner diameter: 6.4mm (+/- 0.3mm) Pin outer diameter: 2.0mm (+0.0 -0.1mm) Barrel depth: 8.8mm (+/- 0.3mm) Power connector (Power brick) Type: DC Barrel Plug Barrel outer diameter: 5.5mm (+/- 0.1mm) Pin inner diameter: 2.1mm (+/-0.1mm) Barrel length: 9.5mm (+/- 0.5mm)
Power consumption (typical)	Monitor only: 30 W Monitor and power brick: 33 W
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%
Weight	Actual: 8.8 lb (4.0 kg) Shipping: 11.5 lb (5.2 kg)
Shipping box dimensions (W x D x H)	18.11" (460 mm) x 16.10" (409 mm) x 6.89" (175 mm)
Backlight lamp life	Typical 50,000 hours to half brightness
MTBF	50,000 hours demonstrated
Warranty	3 years
Optional Product Coverage	Extended Warranty (North America and EMEA only)

Agency approvals ☐	North America/Worldwide: UL/cUL (Recognized), TÜV T-Mark, Argentina S, MPR II, CE/FCC/VCCI/C-Tick (Class B), BSMI, MIC, CCC, China RoHS
On-screen display (OSD)	Controls (optional remote with 1.8m cable): Auto/Sel, up, down, menu Controls (back): menu, left, right, select, power Settings: contrast, brightness, H/V position, RGB (color temp), clock, phase, recall Languages: English, German, Spanish, Japanese, French Lockouts: power, user controls
Mounting options	75 mm or 100 mm VESA mount Rear mount or with included standard mounting brackets Front mount with optional bezel (see Accessories for details) Rack mount with optional bracket (see Accessories for details)
Sealing	Touchscreen sealed to bezel Touchscreen sealed to LCD

Documentation

- Dimensional drawing: [MS500785 Rev G](#) (834K PDF)
- 3D PDFs; requires [Adobe Reader 8.1 or newer](#)
 - [MS500785 Rev F](#) (APR) (136K PDF)
 - [MS500785 Rev F](#) (AccuTouch, IntelliTouch, surface capacitive) (143K PDF)
 - [MS500785 Rev F](#) (CarrollTouch) (138K PDF)
 - [MS500785 Rev F](#) (SecureTouch) (144K PDF)
- CAD drawings available [upon request](#)
- [User Guide](#) (565K PDF)
- [Agency approval certificates](#) (1.3 MB PDF)
- [Product data sheet](#) (124K PDF)
- [WEEE report](#) (198K PDF)
- Look up [product statement of compliance](#) by part number

Support

NOTE: The [Acoustic Pulse Recognition \(APR\)](#) and [Projected Capacitive](#) touch technologies are not supported by all operating systems. See the Technology notes for each driver on the [Driver and File Downloads page](#) to verify support for your touchscreen technology.

- [Drivers](#)
- [Operating system support](#)
- [Dual serial/USB controllers](#)
- [How to mount an open-frame LCD](#)
- [Long cables](#)
- [Multiple monitor setup \(Windows XP example\)](#)
- [Other technical topics](#)

Part Numbers

Technology ☐	Interface ☐	Surface Treatment	Part # (RoHS Compliant)	Availability
AccuTouch	Dual serial/USB	Antiglare	E607940	Worldwide
Acoustic Pulse Recognition	USB	Antiglare	E630566	Worldwide
CarrollTouch	Dual serial/USB	Antiglare	E964551	Worldwide
IntelliTouch	Dual serial/USB	Antiglare	E012584	Worldwide
SecureTouch *	Dual serial/USB	Antiglare	E734455	Worldwide
Surface capacitive	Dual serial/USB	Antiglare	E880503	Worldwide

* SecureTouch monitors use a 3 mm chemically strengthened glass touch sensor.

Power Brick and Cable Kit: 12V, 4.16A, 50W (sold separately)

Part #	Region	Product Description
E348315	N. America	North America power brick
E162361	EMEA	European power brick
E334749	U.K.	UK power brick
E834397	China	China power brick
E953228	Taiwan	Taiwan power brick
E986605	Korea	Korea power brick
E033396	Japan	Japan power brick
E707702	Argentina	Argentina power brick

Pricing

For pricing information, please:

- [login to shop online](#) (**U.S. delivery only**)
- contact an [Elo office](#)
- request a [quotation](#)
- contact an [authorized Elo distributor](#) (**resellers/OEMs only**)

Accessories

Front-Mount Bezel: For front mounting. Part number E860319, available at additional cost. See the dimensional drawing (under [Documentation](#), above) for mounting options and details.



Optional IntelliTouch/iTouch Stylus Pen: Stylus pen with rubber tip, designed specifically for use with IntelliTouch or iTouch surface wave touch technology. Part number D82064-000, available at additional cost.



Optional Acoustic Pulse Recognition (APR) Stylus Pen: Stylus pen with metal tip, designed specifically for use with Acoustic Pulse Recognition (APR) technology. Part number E963860, available at additional cost.



Optional Mounting Brackets: Two standard ("L") mounting brackets are included; additional set of two, part number E147211, available at additional cost, minimum shipment quantity of 50 sets.

Rack-Mount Bracket: For compatibility with 19" industrial racks. Part number E939253, available at additional cost. See the dimensional drawing (under [Documentation](#), above) for mounting options and details.



Remote On-screen Display (OSD): With 1.8 m cable. Part number E622897, available at additional cost.

Touch/Video Cables: Detachable touch and video cables are included.

MTBF (Mean Time Between Failures)

An MTBF measurement is based on a statistical sample and is not intended to predict any one specific unit's reliability; thus MTBF is not, and should not be construed as, a warranty measurement.

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