

5053L 50-inch

Touchscreen Signage



Up to 40 Touches



Commercial Grade



**3-Year Warranty
(AUR Included)**

Product Overview

Elo's 50-inch touchscreen display provides a brilliant canvas for adding interactivity to any environment. Perfect for everything from endless aisle and interactive menus to conference room displays and capacity management boards, the 5053L offers a sleek, slim design built to withstand the rigors of continuous commercial use. And with Elo's computer modules, you can easily turn the display into a powerful, all-in-one, life-size tablet.

Available with Elo's industry leading TouchPro® PCAP technology enabling up to 40 touches or Infrared with up to 20 touches, Elo's 5053L delivers fast and extremely sensitive response time and anti-friction glass to minimize heat as fingertips drag across the screen. Elo's TouchPro® PCAP also offers touch thru capability, allowing the interactive display to be mounted behind a mirror, in a counter or in a fully encased kiosk for added durability or aesthetics.

**Drive collaboration with ease
by pairing the 5053L interactive
display with the Elo Huddle Kit**

**Create an integrated solution with
Elo Edge Connect accessories
including - cameras, payment
devices, NFC/RFID and scanners**

**Flexible mounting in portrait,
landscape and table-top orientation**

5053L 50" Touchscreen Signage

Specifications	
Model	5053L
Bezel Color	Black
Display	50" / 1270 mm diagonal, active matrix TFT LCD
Active Display Area (W x H)	43.14" x 24.27" / 1095.84 mm x 616.41 mm
Native Resolution	3840 x 2160 @ 60Hz
Preset Video Timings	640x480 60Hz; 800x600 56/60Hz; 1024x768 60Hz; 1280x720 50/60Hz; 1280x960 60Hz; 1280x1024 60Hz; 1920x1080 60Hz; 2560x1440 60Hz; 2560x1600 60Hz; 3840x2160 30/60Hz
Touch Technology	TouchPro® PCAP - up to 40 touches with palm rejection and touch thru capability; Infrared: up to 20 touches
Touch Thru	TouchPro® PCAP supports up to 6mm glass/3mm plastic with up to 2 touches. Supports gloves up to 1.4mm.
Aspect Ratio	16:9
Number of Colors	8bit + FRC, 1.07 Billion colors
Brightness (typical)	LCD Panel: 500 nits; with PCAP: 430 nits; with Infrared: 450 nits
Response Time (Tr + Tf) (typical)	9,5 msec
Viewing Angle (typical)	Horizontal: ±89°/178° total; Vertical: ±89°/178° total
Contrast Ratio (typical)	4000:1
On-Screen Display (OSD)	Let's Get Started: Language Selection, Time Setting, Time Zone; Video Source Select: HDMI-1, HDMI-2, DisplayPort, USB-C, Internal-PC DP, Internal-PC HDMI; Video Settings: Video Port Discovery, Brightness, Contrast, Black Level, Sharpness and Aspect Ratio can be selected; Color Settings: Color Temperature, Color Sensor, User Preset (for color), Picture Modes and HDMI Full Range are available in this menu.; Audio Settings: Audio Input, Audio Output, Mute, Volume selection are available here.; Power: Power Loss Behavior, Power Lock, Energy Saving Mode, Power Status Light options are available here; Time: Time Set, On/Off Schedule; OSD Settings: Recall Defaults, OSD Timer, OSD Language, OSD Lock and OSD Portrait Rotation, Touch Switch, Tabletop; Information: Monitor, Temperature, Help and Support are available here; See user manual for full details.
I/O Ports	HDMI 2.0 x2, USB-C (for touch and video), RJ45 (for optional OSD remote), DisplayPort 1.4, 3.5mm TRS jack (for RS232/MDC), 3.5mm Audio Headphones out, Micro USB 2.0 x4
Control Buttons	Power, Video Source Selection, On Screen Display
Video	2x HDCP-capable HDMI on Type A connector, DisplayPort 1.2 connector; Input Video Horizontal Sync frequency range: FHD: 30 - 135 KHz; Input Video Vertical Sync (frame rate) frequency range: 24 - 64 Hz
Power	Input connector (power): IEC 60320-C13; Input signal specifications (power): 100-240VAC 50/60Hz Monitor + AC/DC adapter: ON: 99W; SLEEP: 1.8W; OFF: 0.28W; Monitor with ECMG4 + AC/DC adapter: ON: 116W; SLEEP: 8.7W
Audio	Speakers: 2 x 8 W stereo speakers; Headphone output: 3.5 mm TRS jack
Mounting Options	VESA 400 x 400mm
Dimensions	PCAP: 45.75" x 26.88" x 2.44" / 1162.1 mm x 682.7 mm x 62.0 mm; IR: 45.75" x 26.88" x 2.83" / 1162.1 mm x 682.7 mm x 71.8 mm
Shipping Dimensions	51.6" x 7.4" x 37.0" / 1310 mm x 187 mm x 940 mm
Weight	PCAP: Unpackaged w/ ECMG4: 61.42 lbs / 27.86 Kg; w/o ECMG4: 56.79 lbs / 25.76 Kg; Packaged w/o ECMG4: 69.84 lbs / 31.68 Kg IR: Unpackaged - w/ ECMG4: 61.62 lbs / 27.95 Kg; w/o ECMG4: 56.99 lbs / 25.85 Kg; Packaged w/o ECMG4: 71.1 lbs / 32.25 Kg
Maximum Operating Time	24 hours/day
Other Features	Ambient Light Sensor - changes panel color to match ambient light, Auto Wake
MTBF	50,000 hours demonstrated
Temperature	Portrait/Landscape/Tilt (≤15°) Mode - Operating: 0° C to 40° C / 32° F to 104° F; Storage: -20° C to 60° C / -4° F to 140° F Tabletop Mode - Operating: 0° C to 35° C / 32° F to 95° F; Storage: -20° C to 60° C / -4° F to 140° F
Humidity (non-condensing)	Operating: 20% - 80%; Storage: 10% - 95% (38.7° C max wet bulb temperature)
Regulatory Approvals and Declarations	UL 62368-1; FCC (US); cUL, IC (Canada); CB (International safety) (IEC/EN60950-1+IEC/EN62368-1); CE (Europe); VCCI (Japan); RCM (Australia); CCC, China RoHS (China) (for TouchPro version only); EAC (Russia); NOM (Mexico); IK07 and UL60950 for ball drop test
Compliance	Energy Star 8.0
Warranty	3 years standard with AUR included
Extended Warranty	4 year + AUR - Elo P/N: E740135; 5 year + AUR - Elo P/N: E740330; 3 year + OSE (Continental US Only) - Elo P/N: E740527 4 year + OSE (Continental US Only) - Elo P/N: E740728; 5 year + OSE (Continental US Only) - Elo P/N: E740918
What's in the Box	QIG; HDMI 2.0 cable (Type A to Type A); USB cable (Type A to Type C); Power cable: IEC 60320-C5 to NA plug, IEC 60320-C5 to EU/KR plug, IEC 60320-C5 to UK plug; Serial 3.5mm male to Serial DB9 female cable; Energy label according to EU Regulation 1062/2010

Ordering Information

Part Number	Technology	Surface Treatment	Touch Interface
E666042	TouchPro PCAP	Clear with Anti-Friction	USB-C
E665859	TouchPro PCAP	Anti-Glare	USB-C
E666224	Infrared	Clear with Anti-Friction	USB-C

Optional Computer Modules

Model	Part Numbers	Processor	RAM	Storage	OS
ECMG4-i5	E227895	Intel Core i5-7500 Processor	8GB	256GB SSD	No OS
	E725044	Intel Core i5-7500 Processor	8GB	256GB SSD	Windows 10 SAC
	E228087	Intel Core i5-7500 Processor	8GB	256GB SSD	Windows 10 LTSC
	E898841	Intel Core i5-7500 Processor	8GB	256GB SSD	Windows 10 LTSC with Montage Software
	E405488	Intel Core i5-7500 Processor	16GB	256GB SSD	Windows 10 SAC with Whiteboard Software & 30 day trial Montage & Launcher Software