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 Billon 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-C13 to NA plug, IEC 60320-C13 to EU/KR plug, IEC 60320-C13 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

Learn more about Elo at **EloTouch.com**.

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