



# 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<br>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<br>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<br>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<br>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](https://www.elotouch.com).

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