



ECMG4

Computer Modules for Large Format Interactive Displays



Integrates touch computing & Digital Signage



Commercial Grade



3-Year Warranty

Product Overview

The Elo Computer Modules (ECM) feature the Intel® Core™ 7th Generation CPUs and enhanced graphics engine. Offered with Intel i5 processors for Microsoft Windows® 10 or no operating system. The ECMs can also help enable customer engagement and immersive brand experiences by adding a new exciting dimension to traditional broadcast digital signage - the power of touch. Using Elo's computer modules instead of a separate external device can reduce complexity, provide added reliability, minimize mounting profile and reduce installation/maintenance costs.

Centralized management and security capabilities of Microsoft Windows ensures compatibility with many content management servers and web-based consoles for seamless connection with the internet, digital marketing, interactive whiteboard, building directory, virtual receptionist, and point-of-information (POI) applications. The ECM can also support optimal partitioning of locally cached and network stored content, allowing developers to monitor and deploy content via device-to-device or web connections.

ECMG4 available with Intel® Core™ 7th Generation CPUs and enhanced graphics engine - ideal for engagement and interactive experiences

Collaboration Ready - Pair with the flexibility of Elo's 53-Series Interactive Boards for an open and configurable platform to run your favorite apps

No external cables required - AC power, video and USB signals pass between the computer module and the Elo IDS display via an internal docking connector

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Specifications	
Processor	Intel® Core™ i5-7500T Processor (6M Cache, up to 3.30 GHz) 6 MB Intel Smart Cache 8 GT/s Direct Media Interface 3 (DMI3)
Chipset	Intel H110 Chipset
Video	Intel HD Graphics 630
TDP	35W
BIOS	AMI
Storage	256GB m.2 Solid State Drive (SSD) GB equals one billion bytes when referring to storage capacity. Accessible capacity may be less.
Memory	8 GB DDR4-2400 MHz SO-DIMM on 1 of 2 slots 16 GB DDR4-2400 MHz SO-DIMM on 1 of 2 slots (E405488 only) Maximum memory using 2 slots. Expandable up to 64GB maximum, DDR4-2133/2400 @ 1.2V
Operating Systems Supported	No Operating System Microsoft Windows 10 64-bit (SAC) Microsoft Windows 10 Enterprise 2019 LTSC 64-bit
Display Compatibility	5553L and 6553L Interactive Displays
USB Port(s)	2 x USB 2.0 Type A; 2 x USB 3.0 Type A
Ethernet Port(s)	1 x LAN RJ45 (Gigabit)
Wireless	IEEE 802.11 a/b/g/n/ac (downlink MU-MIMO)
Bluetooth	Bluetooth 5
Audio Ports	1 x 3.5 mm Line out; 1 x 3.5 mm MIC in
Video Out	1 x HDMI (UHD capable)
Real Time Clock	Replaceable lithium-ion battery for clock
Power Supply	Power provided by IDS Monitor
Dimensions	11.07" x 8.2" x 1.7" / 281.1 mm x 208.2 mm x 43 mm
Shipping Box Dimensions	28.74" x 20.47" x 13.78" / 730 mm x 520 mm x 350 mm
Weight	Unpackaged: 4.6 lbs / 2.1 kg; Packaged: 7.3 lbs / 3.3 kg
Temperature	Operating: 0°C to 40°C (32°F to 104°F); Storage: -30°C to 60°C (-22°F to 140°F)
Humidity (non-condensing)	Operating: 20% to 80%; Storage: 10% to 90%
Agency Approvals	UL/cUL, CB, FCC, CE, AS, NZS, VCCI
Warranty	Three years
Extended Warranty	E896120 - 4 Year Warranty Coverage E896322 - 5 Year Warranty Coverage E896699 - 3 Year Warranty Coverage + AUR E896903 - 4 Year Warranty Coverage + AUR E897104 - 5 Year Warranty Coverage + AUR
Optional Product Coverage	On Site Exchange included in Continental US only
MTBF	50,000 hours demonstrated
What's in the box	QIG, 2x WiFi/BT Antenna, 4x M6x50 screws, 4x M8x50 screws, 4x Spacers

Ordering Information

Part Numbers	OS	Description
E227895	No OS	i5 No OS ECMG4
E228087	Win10 (LTSC)	i5 Win 10 (LTSC) ECMG4
E725044	Win10 (SAC)	i5 Win 10 (SAC) ECMG4
E405488	Win10 (SAC)	i5 Win 10 (SAC) ECMG4 with perpetual Qwizdom Oktopus Whiteboard license and 30 day trial DisplayNote Montage and Launcher licenses

Learn more about Elo at [EloTouch.com](https://www.elotouch.com).

Americas

Tel +1 408 597 8000
elosales.na@elotouch.com

Europe (EMEA)

Tel +32 (0)16 70 45 00
EMEA.Sales@elotouch.com

Asia Pacific

Tel +86 (21) 3329 1385
www.elotouch.com.cn

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