



# ECMG3 Windows

Computer Modules for  
Touchscreen Signage



**Integrates touch computing  
& Digital Signage**



**Commercial Grade**



**3-Year Warranty**

## Product Overview

The Elo Computer Modules (ECM) offer commercial-grade reliability and feature Intel® Core™ 6th Generation CPUs with enhanced graphics engine. Available with Intel i3, i5 and i7 processors for Microsoft® Windows® 10, Windows 7 or no operating system, the ECMs can be used to transform the 3202L, 4202L, 4602L, 5502L, 5551L and 7001LT touchscreen monitors into powerful touchcomputer platforms with compatibility to most content management servers. 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.

**Easy installation to Elo's IDS display  
- delivering one of the industry's  
thinnest commercial grade all-in-  
one large format touch computers**

**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**

**Quick-access hard drive for easy  
initial imaging and field service**

## ECMG3 Computer Modules for Touchscreen Signage

Specifications			
Module Dimensions	11.81" x 16.85" x 1.46" / 300mm x 428mm x 37mm		
Processor	Intel Core i3 i3-6100 3.70GHz 3MB Intel® Smart Cache 8 GT/s Direct Media Interface 3 (DMI3)	Intel Core i5 i5-6500 3.60GHz 6MB Intel® Smart Cache 8 GT/s Direct Media Interface 3 (DMI3)	Intel Core i7-6700 Processor (8M Cache, up to 4.00 GHz) 8 MB Intel Smart Cache 8 GT/s Direct Media Interface 3 (DMI3)
Chipset	Intel® H110 Chipset		Intel Q170 Chipset
Video	Intel HD Graphics 530		
BIOS	AMI		
Memory**	4 GB DDR4-2400 MHz SO-DIMM on 1 of 2 slots (Expandable to 32 GB maximum* on 2 slots) i5 Model (E458919): 8 GB DDR4-2400 MHz SO-DIMM on 1 of 2 slots (Expandable to 32 GB maximum* on 2 slots)		8 GB DDR4-2400 MHz SO-DIMM on 1 of 2 slots (Expandable to 32 GB maximum* on 2 slots)
Storage	128 GB 2.5" SATA Solid State Drive (SSD) i5 Model (E458919) / i7 Model (E459109): 256 GB 2.5" SATA Solid State Drive (SSD) GB equals one billion bytes when referring to storage capacity. Accessible capacity may be less.		
Operating Systems Supported	No Operating System; Microsoft Windows 7 Pro 64-bit*; Microsoft Windows 10 Enterprise 2016 LTSB 64-bit		
Languages	Windows 7: (35 language groups) Arabic, Brazilian Portuguese, Bulgarian, Chinese (Simplified), Chinese (Traditional), Chinese (Hong Kong), Croatian, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Greek, Hebrew, Hindi, Hungarian, Italian, Japanese, Korean, Lithuanian, Norwegian, Polish, Portuguese, Romanian, Russian, Serbian Latin, Slovak, Slovenian, Spanish, Swedish, Thai, Turkish, Ukrainian		
USB Port(s)	2 x USB 2.0 Type A; 2 x USB 3.0 Type A		4 x USB 3.0 Type A
Ethernet Port(s)	1 x LAN RJ45 (Gigabit)		
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	Internal power supply module included		
Weight	Unpackaged: 6.88 lbs / 3.12 Kg; Packaged: 10.47 lbs / 4.75 Kg		
Shipping Box Dimensions	16.5" x 21.0" x 5.12" / 419mm x 535mm x 130mm		
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 : 5% to 95%		
Agency Approvals	UL/cUL, CB, FCC, CE, AS, NZS, VCCI		
Warranty	Three years (Extend two years with additional cost)		
Optional Product Coverage	On Site Exchange included in Continental US only		
MTBF	50,000 hours demonstrated		
What's in the box	QIG, Screws, VESA Spacer for IDS02		

\*Select Windows 7 systems (excluding POS 7 systems) are preinstalled with Windows 7 and come with a license for Windows 10 at no additional charge. If your system has a Windows 10 license sticker, then your system includes this feature and, subject to the licensing terms for the Windows software, you may temporarily use the loaded Windows version before upgrading.

\*\*Maximum memory using 2 slots. Each slot expandable up to 16GB maximum, SO-DIMM DDR4-2400.

## Ordering Information

Model	Part Numbers	Processor	RAM	Storage	OS
ECMG3-i3	E400587	Intel Core i3-6100 Processor	4GB	128GB SSD	No OS
	E400775	Intel Core i3-6100 Processor	4GB	128GB SSD	Windows 7
	E400965	Intel Core i3-6100 Processor	4GB	128GB SSD	Windows 10
ECMG3-i5	E401168	Intel Core i5-6500 Processor	4GB	128GB SSD	No OS
	E401365	Intel Core i5-6500 Processor	4GB	128GB SSD	Windows 7
	E401558	Intel Core i5-6500 Processor	4GB	128GB SSD	Windows 10
	E343989	Intel Core i5-6500 Processor	4GB	128GB SSD	Windows 10 with DisplayNote Montage SW
	E458919	Intel Core i5-6500 Processor	8GB	256GB SSD	Windows 10
ECMG3-i7	E401764	Intel Core i7-6700 Processor	4GB	128GB SSD	No OS
	E401962	Intel Core i7-6700 Processor	4GB	128GB SSD	Windows 7
	E402161	Intel Core i7-6700 Processor	4GB	128GB SSD	Windows 10
	E459109	Intel Core i7-6700 Processor	8GB	256GB SSD	Windows 10

## Extended Warranty Options

Part Number	Description
E330676	1 Year Extended Warranty for i3 ECM
E126594	1 Year Extended Warranty for i5 & i7 ECM
E159751	2 Year Extended Warranty for i3 ECM
E770396	2 Year Extended Warranty for i5 & i7 ECM

To find out more about our extensive range of Elo touch solutions, go to [elotouch.com](http://elotouch.com), or call the office nearest you.

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