

MC510-40

Industrial AMD Ryzen™ Mini-ITX Computer

Powerful industrial AMD Ryzen Mini-ITX computer capable of driving four independent displays with Radeon™ Vega 8 Graphics.

onlogic.com/mc510-40



Flexible Connectivity

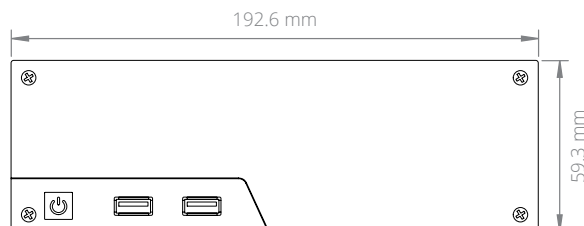
Four DisplayPort connectors enable up to four independent displays in a compact mini-ITX footprint. Wireless options are available via Wi-Fi/Bluetooth while six USB ports (2 USB 3.1, 4 USB 2.0), dual COM (RS-232/422/485), and dual LAN ports provide flexible connectivity for any application.

Functional & Beautiful

Double right angle folds reduce EMI and improve EMC performance while cross-case ventilation keeps fan noise low and the system operating 24/7. Optional wall, DIN, and VESA mounting allow secure mounting on virtually any vertical or horizontal surface.

Powerful Visuals

With plenty of onboard cache and fast PCIe Gen 3 lanes, the MC510-40 offers cost-effective performance with the AMD V1605B processor and Radeon Vega 8 Graphics.



US Office

Phone: +1 802 861 2300 | Email: info@onlogic.com | www.onlogic.com

EU Office

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System	
Processor	AMD Ryzen™ V1605B
Processor Speed	2 GHz
Processor Cores	4
Integrated Graphics	AMD Radeon™ Vega 8 Graphics
Memory Capacity	DDR4 SO-DIMM (Non-ECC) 32 GB

Rear I/O	
Ethernet	2 Gb LAN ports
USB	2 USB 3.1 Gen 2 ports 2 USB 2.0 ports
Video	4 DisplayPort 1.3/DP++ ports
Serial	2 RS-232/422/485 COM ports

Front I/O	
USB	2 USB 2.0 ports
Other	Power button

Expansion & Features	
Expansion & Storage	1 Full size mPCIe socket M.2 (2260/2280) 2.5" HDD/SSD

Mechanical	
Dimensions (WxHxD)	192.6 x 59.3 x 199.6 mm
Mounting Options	DIN VESA Wall

Environmental & Regulatory	
Operating Temperature	-0°C ~ 50°C
Certifications	FCC 47 CFR Part 15 CE WEEE Directive (2002/96/EC) ErP Directive (2009/125/EC) Low Voltage Directive (2014/35/EU) Electromagnetic Compatibility Directive (2014/30/EU) Radio Equipment Directive (2014/53/EU) - For configurations with wireless transmitters RoHS 2 (2011/65/EU) RoHS 3 (2015/863/EU) EN 301 489-1 EN 301 489-17 EN 55022 EN 55024 EN 55032 EN 60950-1

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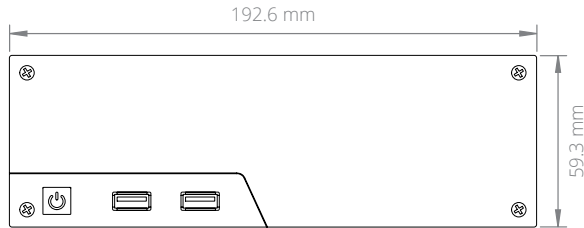
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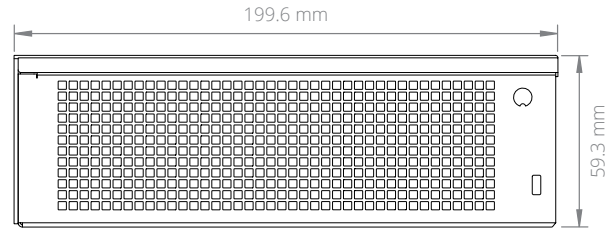
MC510-40 Dimensional Drawings

Industrial Mini-ITX Computer

All measurements in mm



FRONT



SIDE

