

# MC850-70

## Mini-ITX Intel® Xeon® Scalable Mini Edge Server with PCIe expansion

The MC850-70 is a mini edge server with PCIe expansion for data aggregation, analytics, content caching, and machine learning functionality at the edge.

[onlogic.com/mc850-70](https://onlogic.com/mc850-70)



### Performance Focus

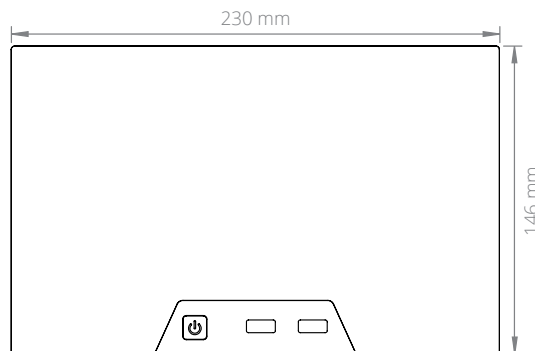
Designed specifically for computing-intensive applications, the MC850 Series offers a range of Intel processing options including Skylake and Kaby Lake Core™ i7 CPUs.

### Dedicated Graphics

The MC850 Series supports full height PCIe expansion, including the latest generation of advanced graphics cards, a feature rarely seen in a system with such a small footprint.

### Integrated Power

Eliminating the need for external adapters or power bricks, the MC850 Series accommodates direct-plug power with an integrated 300W PSU.



### US Office

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### EU Office

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System	
Processor	Intel® Cascade Lake Xeon® Scalable Processors
Processor Speed	Up to 3.8GHz Base, 4.4GHz Turbo
Processor Cores	8 ~ 28
Memory	Up to 64 GB
Integrated Graphics	ASPEED AST2500

Rear I/O	
Ethernet	4 GbE LAN with Marvell 88E1514
USB	2 USB 3.1 Gen 2 ports
Video	1 VGA Port
Power	C13 or C13 Coupler (100-240V AC)
Other	Dedicated IPMI LAN port

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

Expansion & Features	
Expansion & Storage	1 PCIe 3.0 x16 slot 2 M.2 2280 SATA or NVMe PCIe 3.0 x4 2 2.5" SATA SSD/HDD
Features	TPM

Mechanical	
Dimensions (WxHxD)	230 mm x 146 mm x 241.5 mm
Mounting Options	Wall-Mount

Environmental & Regulatory	
Operating Temperature	0°C to 35°C
Certifications	FCC CE

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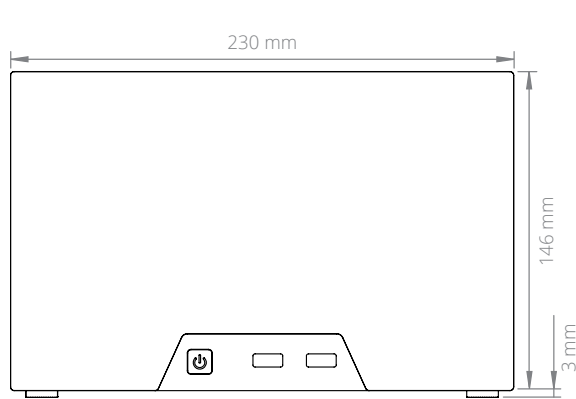
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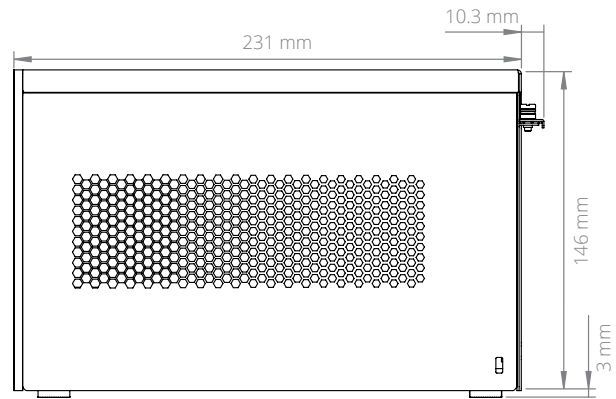
## MC850-70 Dimensional Drawings

Mini-ITX Xeon Scalable Mini Edge Server

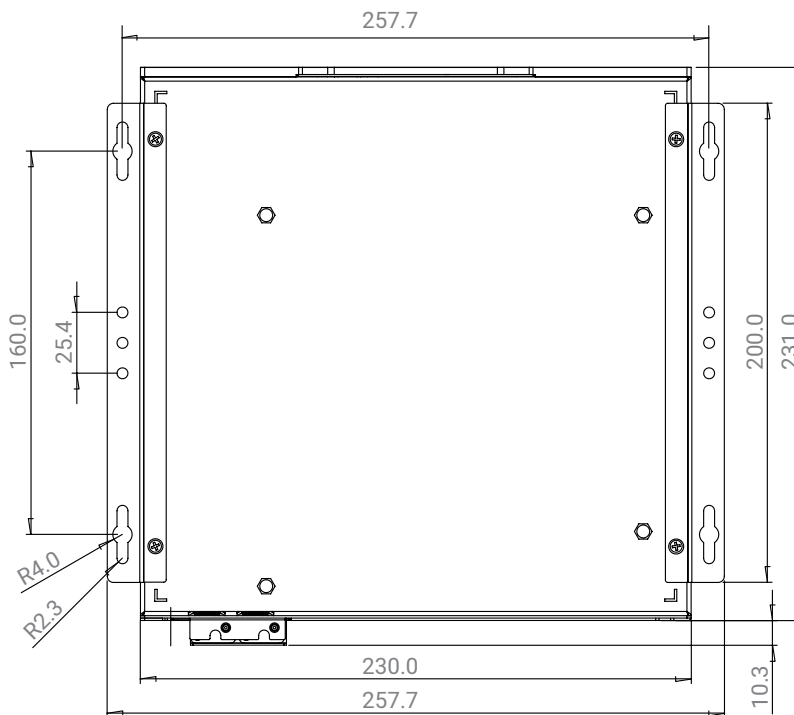
All measurements in mm



FRONT



SIDE



BOTTOM