

# MK150B-40

## 1.5U Rackmount AMD Ryzen™ Server

The MK150B-40 AMD Ryzen Server leverages AMD's 3rd generation Ryzen CPUs to provide up to 16 cores of unparalleled multitasking and performance in a compact 1.5U form factor.

[onlogic.com/mk150b-40](https://onlogic.com/mk150b-40)



### Advanced Data Management

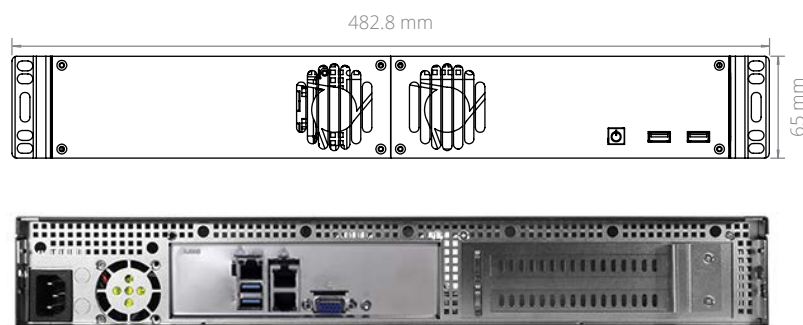
With Ryzen's built-in Intelligent Platform Management Interface (IPMI) support, you can remotely manage this AMD server from anywhere. Dual 10GbE NICs enable lightning fast data handling and minimize latency to help you make quick decisions for advanced industrial control at the edge.

### Thoughtful Design

Built with industrial applications in mind, the MK150B-40 can be easily integrated into existing rack architectures and is capable of reliable 24/7 operation. With reversible mounting ears to support I/O-forward installations, the MK150B-40 will fit your application in both performance and form factor.

### Multi-Core Computing

The MK150B-40 is unlike anything else on the market. Perfect for AI, machine learning, robotics or high performance data processing, it leverages AMD's 3rd generation Ryzen CPUs to provide up to 16 cores of unparalleled multitasking and performance in a compact 1.5U form factor.



#### US Office

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#### EU Office

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| System              |   |
|---------------------|---|
| Processor           | AMD Ryzen™ 5 3600<br>AMD Ryzen 7 3700X<br>AMD Ryzen 9 3900X<br>AMD Ryzen 9 3950X                        |
| Processor Speed     | Up to 4.2 GHz (5 3600)<br>Up to 4.4 GHz (7 3700X)<br>Up to 4.6 GHz (9 3900X)<br>Up to 4.7 GHz (9 3950X) |
| Processor Cores     | 6 ~ 16  |
| Chipset             | AMD Premium X570  |
| Integrated Graphics | ASPEED AST2500  |
| Memory              | DDR4 R-DIMM (ECC)<br>Up to 128 GB   |

| Rear I/O |                      |
|----------|----------------------|
| Ethernet | 2 10GbE LAN ports    |
| USB      | 2 USB 3.1 Gen2 ports |
| Video    | 1 VGA Port           |

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

| Expansion & Storage |  |
|---------------------|--|
| Expansion & Storage | 2 SATA III 2.5" Drives<br>1 M.2 2280 (PCIe 4.0 x4/SATA3 6.0Gb/s) |

| Mechanical         |                         |
|--------------------|-------------------------|
| Dimensions (WxHxD) | 482.6 x 65 x 257.05 mm  |
| Mounting Options   | Wall-mount<br>Rackmount |

| Environmental & Regulatory |   |
|----------------------------|---|
| Operating Temperature      | 0°C to 35°C   |
| Certifications             | FCC 47 CFR Part 15<br>CE<br>WEEE Directive (2002/96/EC)<br>ErP Directive (2009/125/EC)<br>Low Voltage Directive (2014/35/EU)<br>Electromagnetic Compatibility Directive (2014/30/EU)<br>Radio Equipment Directive (2014/53/EU) - For configurations with wireless transmitters<br>RoHS 2 (2011/65/EU)<br>RoHS 3 (2015/863/EU)<br>REACH<br>EN 55032<br>EN 55035<br>EN 61000-3-2<br>EN 61000-3-3<br>EN 61000-4-2<br>EN 61000-4-3<br>EN 61000-4-4<br>EN 61000-4-5<br>EN 61000-4-6<br>EN 61000-4-8<br>EN 61000-4-11<br>EN 62368-1 |

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## MK150B-40 Dimensional Drawings

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All measurements in mm

