

HALFGUARD

Used for single unit deployments when space is at a premium or two units side-by-side in a standard 19" server rack to double your performance.

With an IP65 rating and options for fan-less, conduction-cooled thermal management, the HALFGUARD can handle deployment in any environment.



PRODUCT HIGHLIGHTS

- ⊕ Scalable Intel® Xeon® processing options
- ⊕ IP65 rating
- ⊕ Compact design to combine two to fit 19" rackmount chassis
- ⊕ Option for fan-less, conduction-cooled design
- ⊕ Wide range power supply with EMI filter
- ⊕ Highly flexible I/O options for audio, video, serial, USB, and more
- ⊕ Designed to withstand 75G rms naval shock



FEATURES

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|--------------------------|---|
| OPERATING SYSTEM | Windows, Linux |
| PROCESSOR | Intel® Coffee Lake (8th gen) Xeon® E-2276ML Processor up to 2.0/2.4GHz |
| MEMORY | 4x SODIMMS up to 128GB DDR4 |
| GRAPHICS | Intel® UHD Graphics P630 |
| STORAGE | Up to 2TB via one (1) NVMe M.2 slot |
| VIDEO | Two (2) DVI ports |
| ETHERNET | Three (3) LAN ports |
| DIGITAL | Three (3) Digital I/O |
| AUDIO | One (1) Mic-in/Line Out |
| USB | Three (3) USB 3.0 ports |
| POWER REQUIREMENT | 18 – 36V wide-range voltage input |
| MECHANICAL | Dimension: 1U, half-width (9.5") x 15.7" depth Optional: Fan-less, conduction-cooled design |
| CONNECTORS | D38999 connectors |
| ENVIRONMENTAL | Humidity: Up to 95% RH, non-condensing EMI/EMC: MIL-STD-461 Power: MIL-STD-1275 Operating: Temp.: -40°C to 70°C Vibration: 5-500Hz 5G rms Z-axis, 5-500Hz 7G rms X&Y-axis Shock: 50G, 11ms Non-Operating (Storage): Temp.: -40°C to 85°C Humidity: Up to 95% RH, non-condensing Vibration: 5-500Hz 7G rms Z-axis, 5-500Hz 10G rms X&Y-axis Shock: 75G, 6ms |

ORDERING INFORMATION

