

# 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

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

Contact us at **855.365.2188** or visit [jsquared.com/general-inquiries](https://jsquared.com/general-inquiries) to begin the ordering process.

