DR-4000

4U Military Grade Rackmount Computer For Intel Xeon Scalable CPU.

Overview

The DR-4000 is a military grade 4U computer that supports fitered power input and full length, dual slot graphics cards.

With support for the latest Intel® Xeon® scalable processors (**up to 270W TDP**), Up to 384GB DDR4 RAM, 2.5 Gigabit Ethernet and PCIe (**Gen 4**), the DR-2000 packs a lot of functionality into a compact and customisable enclosure.

By using industrial components throughout, the DR-4000 is designed to operate 24/7 in harsh environments and mission-critical applications.

Key Features

• 7 x Full height expansion slots.
• Dual slot graphics card support.
• Intel® Xeon® Scalable CPU.
• Filtered AC Power Input.
• Designed to meet DEF STAN 00-35 (Below decks) & MIL-STD-810H.
• Available For At Least 5 Years.
• 0°C to 40°C Operating Temperature.

Specifications

CPU	3rd Gen Intel® Xeon® scalable processors. Up to 270W TDP.
Memory	Up to 384GB 3200 MHz non ECC DDR4.
Storage	6 x SATA-600 with RAID 0/1/5/10. M.2 (**Key M**) (**2280**) slot with PCIe x4 signal.
I/O Rear	1 x Serial RS-232/422/485. 4 x USB 3.1 (**Gen 1**). 2 x 10/100/1000 Mbps Ethernet. 1 x VGA. 1 x PS/2 Keyboard & mouse.
I/O Front	2 x USB 2.0.
Power	Full range AC input (**700W Max**).
Expansion	**Slot 1:** PCIe x8. **Slot 2:** PCIe x16 (**Gen4**). **Slot 3:** M.2 key M 2280 (**Signal x4**). **Slot 4:** PCIe x16 (**Gen4**). **Slot 5:** PCIe x8 slot (**Signal x0 or x8**). **Slot 6:** PCIe x16 (**Signal x16 or x8**). **Slot 7:** PCIe x8.
TPM	TPM 2.0 module (**Optional**).

Dimensions	(**W**) 482 x (**H**) 178 x (**D**) 449 mm.
Temperature	0°C to 40°C (**Operating**). -40°C to 60°C (**Non-operating**).
Environmental	**Designed to meet:** DEF STAN 00-35 (**Below decks**). MIL-STD-810H.
EMC	**Designed to meet:** DEF STAN 59-411. MIL-STD-461.
OS Support	Windows 10 & 11. Linux (**RHEL + Ubuntu**).
Other Certifications	CE.

DATASHEET_COMPUTING_DR-4000_V04.pdf
Technical specifications are subject to change without notice.