

ART, inc.

1U Xeon-D 16 Core Server

*ART uniquely blends
system engineering,
ruggedization
and system integration
capability to ensure
every customers' needs
are fulfilled.*



ART is a proven systems integrator providing survivable, rugged, mission-critical airborne and airborne related Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) systems.

Overview

The 1U Xeon-D rack mount server is designed with increased performance capability. The 1U server is a cost effective, high performance, and light-weight solution with ruggedization capabilities. At the heart of the system is a low power consumption Intel Xeon-D 16 Core processor running up to 2.3 GHz. It has built-in hardware virtualization and provides security-enhancing technologies such as Intel Trusted Execution Technology (TXT). 128GB of local DDR4 memory supplies greater working space. Six 1G LAN port connections and an additional two 10G SFP optical ports offers dedicated medium and high speed data links. A separate IPMI LAN port enables remote access for monitoring and flow control parameters. Storage includes three removable 7mm SSD SATA drives. Front access I/O connectors for easy installation and maintenance. The unit is designed to meet MIL-STD-461, MIL-STD-810 and RTCA/DO-160 testing.

Features at a Glance

- 28VDC Power Input
- Intel Xeon-D 16 Core processor
- 128GB of DDR4 Memory
- 2 x 10G SFP Fiber Ports
- 6 x 1G LAN Ports, RJ45
- 2 x USB 3.0 Ports
- 1 x VGA graphics Port
- 3 x Removable 7mm 2.5" SSD SATA drives
- 1 x IPMI LAN Port

Dimensions & Weight:

- Height: 1.75 in.
- Width: 19 in.
- Depth: 16.4 in.
- Weight: ~12 lbs.



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