

M3-SE-VSVR5-P



SECURE BASEBAND,
COMMUNICATIONS AND
CLOUD COMPUTING

M3-SE-VSVR5-P

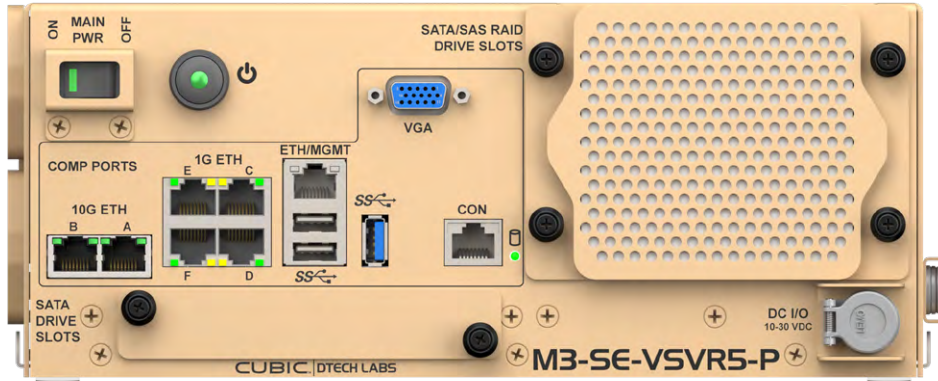
The M3-SE-VSVR5-P module is part of the CUBIC | DTECH Labs M3-SE product family. It is a high-powered computer platform with 16 physical cores and up to 128 GB of RAM designed to support multiple virtual machines in a small form factor package. It includes an enterprise-grade RAID controller servicing all 10 bays of Solid State Disc (SSD) drives. The M3-SE-VSVR5 is designed to be used with commercially available hypervisors and hyper converged solutions such as VMware ESXi and VSAN applications. In a clustered environment or standalone configuration, it provides an unsurpassed capability at a cost effective modular solution.

FEATURES AND BENEFITS

- Integrated RAID controller
- 16 Core Xeon-D Processor
- 10GE ports
- Built in redundancy that continues to write to disc during power loss, preventing corruption of data
- Dense compute power to handle high processing demands
- Sufficient speed to handle high bandwidth demands for backup, hyper-converged solutions and data migration needs

ANY
MISSION
ANY
TIME
ANY
WHERE

M3-SE-VSVR5-P



Internal Components

- Intel Xeon D 16 cores/32 vCPU
- 128 GB DDR4 Error Correcting Memory
- Battery-backed RAID card
- Storage Drive Bays:
10 SATA/ SAS Solid State Drives (SSDs)
- 100% VMware HCL compatible



Interfaces

- 2 x 10GE Ports
- 4 x 1 GE Ports
- 1 - 1 GE management port
- 1 x 3 USB-3.0
- 1 VGA port
- 1 - 10-30 VDC Output (right side)
- 1 - 10-30 VDC I/O port



Physical Specifications

Size: 4.25" H x 10.25" W x 6.75" D
107.95 x 260.35 x 171.45 mm

Weight: 7.3 lbs/3.31 kg

MTBF: Exceeds 83,000 hours

Operating Temperature: 32° F to 140° F / 0° C to 60° C

Storage Temperature: -40° F to 158° F / -40° C to 70° C



Power Specifications

Power Input: 10-30 VDC

Power Consumption: 68.5-Watt Minimum/
125-Watt Maximum



Certifications

- Trade Act Agreement Compliance

Designed to meet:

- CE
- MIL-STD-810G
- Mil-STD-461F
- RoHS



Warranty

Includes standard DTECH Labs, industry-leading, 2-Year Extended Warranty.

Due to product enhancements specifications may change. Contact your sales representative for current information.