M3-SE-CE-SKIT
Tactical Data Solution

Features and Benefits

- Intel Xeon based processor, up to 128GB RAM and up to 80TB storage

- Resilient battery backup power with wide range AC/DC inputs

- Cisco powered network switching and routing

- Integrated rack case solution for ease of deployment and transport

- ROHS compliant, certified to CE and DEF-STD 5911 Land Class D standards

The M3-SE-CE-SKIT has been designed from the ground up to provide the perfect balance of computer performance, Cisco networking, and battery power in a compact, easily transportable solution. The rugged small form-factor design and high performance of the system allows organizations to extend their enterprise to the extreme tactical edge, standing up powerful, highly mobile data centers in even the most hostile environments.

XEON processors, up to 128GB memory and up to 80TB storage provide compute performance usually only available in larger servers, ensuring personnel deployed at the edge can run hyper-converged applications with sufficient processing power and speed.
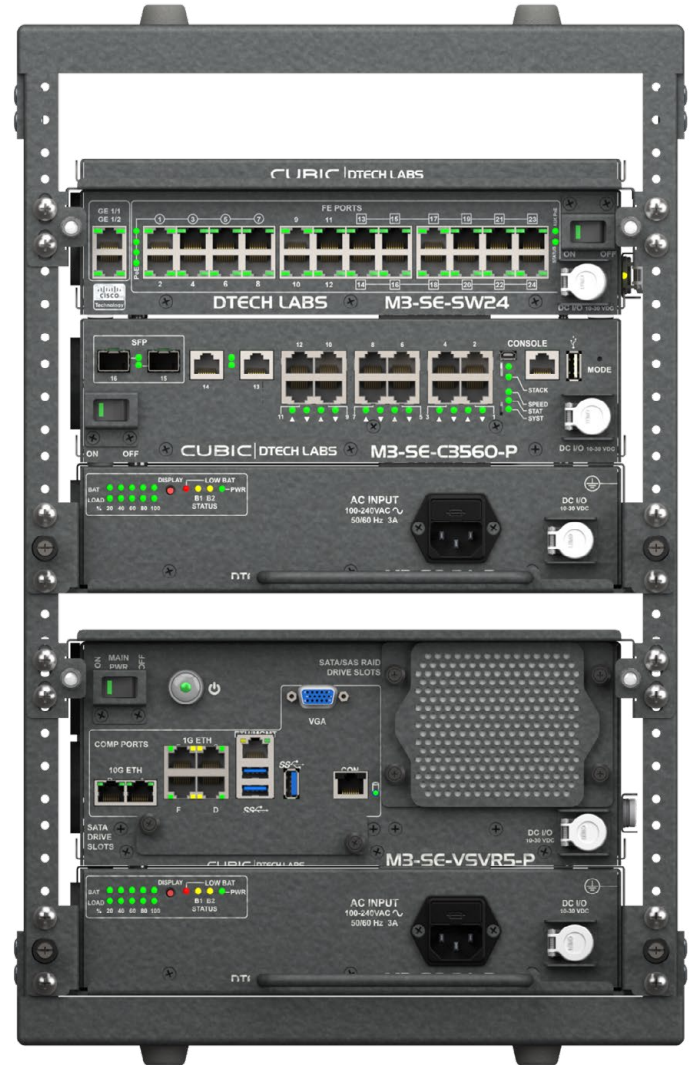
Specifications

Physical Interfaces	
Server	
M3-SE-VSVR5	2 x10 Gb Ethernet Ports, 4 x1 Gb Ethernet ports, 3 x USB 3.0 Ports, VGA Port, 1 Gb Ethernet Management Port, RJ45 Console Port
Networking	
M3-SE-SW24	2 x10 Gb SFP+ Ports, 24 x1 Gb Ethernet RJ45 PoE+ Ports, RJ45 Console Port, Micro USB Console Port, DC IN Port
M3-SE-C3560	14 x1 Gb Ethernet RJ-45 Switch Ports, 2 x1 Gb SFP Switch Ports, DC I/O Port, USB 2.0 Port (unused), RJ-45 Console Port, Mini-USB Console Port
Power Supply	
M3-SE-PA-P	DC I/O Port, AC Power Port

Internal Specifications	
Server	
M3-SE-VSVR5	Intel Xeon D 16 core vCPU, up to 128 GB DDR4 ECC Memory, Battery-backed RAID Card, 10 SATA/SAS SSD Bays
Networking	
M3-SE-SW24	Cisco ESS2020 24+2 Switch
M3-SE-C3560	Cisco C3560 (WS 3560CX-12TC-S)
Power Supply	
M3-SE-PA-P	Conditioned battery backup power for M3-SE modules

Physical Specifications	
Size	20" H x 12.7" W x 7.72" D 50.8 cm H x 32.2 cm W x 19.6 cm D
Weight	38 lbs / 17.2 kg

Power Specifications	
AC Power Input	100-240 VAC, 50/60 Hz 3A
DC Power Input	10–30 VDC
Power Consumption	121.1 W minimum/214.9 W maximum
Battery Capacity	98 W-h per battery, 2 batteries per M3-SE-PA-P, 4 batteries per integrated kit

Included Accessories
Integrated Rack Case
Pelican Shipping Case
Grounding Cables
Ethernet Cables
Power Cables

Certifications	
Trade Act Agreement compliant	
100% VMare Hardware Compatibility List (HCL) Certified	
Designed to Meet:	CE MIL-STD-461F MIL-STD-810G RoHS DEF-STD 5911

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

ANY MISSION. ANY TIME. ANYWHERE.

Because of ongoing enhancements, specifications may change. Contact your sales representative for current information.

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