

# M3X

Deploy Fast, Connect Faster.

Stack vertically

Connect horizontally

Power and data via patented Raised Angle Connector (RAC)

Automatic module and power protection



Environmentally hardened MIL-STD aluminum case

Interlocking Modular Rail System

## Key Features

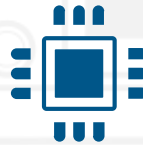
**10** Gbps Networking



**20** % Smaller



**16** Xeon Processing Cores\*



**96** Wh Battery



### Deploy Fast

Compact size, automatic detection of modules and cable-less connections ensures mission readiness



### Chassis-less Design

Modular Rail System removes the need for a chassis and increases flexibility in system configuration



### Modular & Scalable

Industry-leading modularity and scalability for flexible processing, storage and networking at the edge



### Smart Battery Power

Power management & battery backup make the M3X ideal for power-constrained environments



### Cable-less Connection

Power and data via Raised Angle Connectors, removes the need for separate power and data cabling



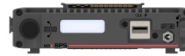
### Built Tough

Hardened aluminum case certified to meet MIL-STD, CE and RoHS for deployments around the world



CUBIC™

Mission Solutions



Module	M3X-APP	M3X-BPS	M3X-RTR
<b>Dimensions (standalone/max)</b>			
Length (in / cm)	8.90 / 22.60	8.90 / 22.60	8.90 / 22.60
Width (in / cm)	5.75 / 14.60	5.75 / 14.60	5.75 / 14.60
Height (in / cm)	2.70 / 6.86	1.55 / 3.94	1.55 / 3.94
Weight (lbs / kgs)	5.05 / 2.29	3.35 / 1.51	2.95 / 1.34
<b>Power Input</b>	10-30VDC Wide Range	10-30VDC Wide Range	10-30VDC Wide Range
<b>Power Output</b>	10-30VDC Rear I/O	8A Through RAC	10-30VDC Wide Range
<b>PoE</b>	30W with full PoE+	N/A	75W with full PoE+
<b>Number of Ports</b>	5 x GE Ports (2 Front PoE+, 1 Rear PoE+ 1 Top RAC, 1 Bottom RAC) 2 x 10GE Ports	N/A	5 x FE Ports (3 x RJ45 Front, 2 x Rear / RAC)
<b>Ancillary</b>	1 x RJ45 Serial Console Port 2 x USB 3.0 Ports	1 x USB 3.0 (power only)	1 x RJ45 Console Port
<b>Processor</b>	Intel Xeon Processor, *12 or 16 Cores	N/A	Cisco ESR-5915
<b>RAM</b>	128GB	N/A	512MB
<b>Storage</b>	7 mm/2.5" SSD	N/A	256MB Internal Flash
<b>Operating / Storage Temperature (°F/°C)</b>	Operating: 32 to 140 / 0 to 60 Storage: -4 to 185 / -20 to 85	Operating: 32 to 140 / 0 to 60 Storage: -4 to 185 / -20 to 85	Operating: 32 to 140 / 0 to 60 Storage: -4 to 185 / -20 to 85
<b>Certifications</b>	IP67, MIL-STD-810 and MIL-STD-461	IP67, MIL-STD-810 and MIL-STD-461	IP67, MIL-STD-810 and MIL-STD-461



Module	M3X-RTR2	M3X-S8G	M3X-S24G
<b>Dimensions</b>			
Length (in / cm)	8.90 / 22.60	8.90 / 22.60	8.90 / 22.60
Width (in / cm)	5.75 / 14.60	5.75 / 14.60	5.75 / 14.60
Height (in / cm)	1.55 / 3.94	2.70 / 6.86	4.05 / 10.30
Weight (lbs / kgs)	Contact Your Account Manager	4.51 / 2.05	5.95 / 2.70
<b>Power Input</b>	10-30VDC Wide Range	10-30VDC Wide Range	10-30VDC Wide Range
<b>Power Output</b>	10-30VDC Rear I/O	10-30VDC Rear I/O	10-30VDC Rear I/O
<b>PoE</b>	Contact Your Account Manager	100W with full PoE+ (8 ports)	100W with Full PoE+ Capability
<b>Number of Ports</b>	6 x GE Ports (4 x RJ45 Front, 2 x Rear / RAC)	8 x GE Ports 2 x 10GE	24 x GE Ports 2 x 10GE
<b>Ancillary</b>	1 x RJ45 Console Port 1 x USB via Fischer (Minimax)	1 x RJ45 Console Port 1 x Micro USB Console Port 1 x MicroSD Card Slot	1 x RJ45 Console Port 1 x Micro USB Console Port 1 x MicroSD Card Slot
<b>Processor</b>	Cisco ESR-6300	Cisco ESS-3300	Cisco ESS-3300
<b>RAM</b>	4GB	4GB	4GB
<b>Storage</b>	4GB eMMC Flash	Removable MicroSD Card 4GB eMMC Flash	Removable MicroSD Card 4GB eMMC Flash
<b>Operating / Storage Temperature (°F/°C)</b>	Operating: 32 to 140 / 0 to 60 Storage: -4 to 185 / -20 to 85	Operating: 32 to 140 / 0 to 60 Storage: -4 to 185 / -20 to 85	Operating: 32 to 140 / 0 to 60 Storage: -4 to 185 / -20 to 85
<b>Certifications</b>	IP67, MIL-STD-810 and MIL-STD-461	MIL-STD-810 and MIL-STD-461	MIL-STD-810 and MIL-STD-461

# ANY MISSION. ANY TIME. ANYWHERE.

Module specifications are subject to change. Please contact your account manager for full details.

PHOTO BY: TECH. SGT. EMILY MOON  
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