SOLVE
HIGH-BANDWIDTH CHALLENGES

ULTRA-LOW
LATENCY APPLICATIONS

EASILY ADAPTABLE TO
TELCO VIRTUAL INFRASTRUCTURE

LOW TCO WITH XEON-D

INCREASED FLEXIBILITY:
CPU, STORAGE, GPU, FPGA

ME1100
MOBILE EDGE COMPUTING SERVER

- ► HIGH-PERFORMANCE SERVER FOR MOBILE EDGE COMPUTING (MEC)

- ► ENABLE IT AND CLOUD-COMPUTING CAPABILITIES WITHIN THE RADIO ACCESS NETWORK (RAN)

- ► IDEAL FOR ULTRA-LOW LATENCY, AND HIGH-BANDWIDTH APPLICATIONS

- ► STORAGE AND EXTENSIONS SLOT FOR ARTIFICIAL INTELLIGENCE OR DATA CACHING APPLICATIONS

kontron
S&T Group

The goal of Multi-Access Edge Computing is to decrease network congestion and improve the performance of applications by getting task processing closer to the user. Our mobile edge Xeon-D servers enable content and applications closer to the edge, while allowing operators to solve restricted space and power challenges and savings on costs. Enable applications such as Radio Access Network (RAN), Artificial Intelligence, Data Caching, ultra-low latency, and high-bandwidth edge applications, among others.

MULTI-ACCESS EDGE COMPUTING SERVERS FOR RAPID DEPLOYMENT OF NEW 4G-5G-BASED SERVICES

TECHNICAL INFORMATION

Processor	Xeon D-1548, 8 Core @ 2.0Ghz, or Xeon D-1567, 12 Cores @ 2.1GHz, or Xeon D-1559, 12 Cores @ 1.3Ghz
Memory	Up to 64GB of DDR4 (2x DDR4 DIMM with ECC)
Network IO	2x 10 Gigabit Ethernet SFP; 1x 1 Gigabit Ethernet RJ45 (Management); Support SFP modules: 1000Base-SX and LX, 10GBase-SR and LR
Storage	1x M.2 SSD disk (Up to 1TB) 4x 2,5inch SSD
Extension Slot	Supports one 50W x16 PCIe 3.0 (8GT/s) card: full-height ¾-length form factor
System Management	Supports MegaRAC SP-X including Redfish Tech Pack v1.5; Supports IPMI Specification 2.0 Include • Monitor critical components • Remote control capability • Firmware update • 1x RJ45 10/100/1000Base-T for IPMI access • 1x RJ45 serial port
Chassis	1U x 12" (300mm) deep and designed to be mounted in a 19" standard rack. **Power Supply:** • 1x 240W Dual input feeds DC (-40VDC to -57VDC)
Environment	Supports -40°C to +65°C operating range

ORDERING INFORMATION

ARTICLE	PART NO.	DESCRIPTION
ME1100	1065-6327	ME1100 with a Xeon D-1567 12C/2.1GHz processor (v2), 16GB (2x 8GB UDIMM DDR4-2400) memory, 32GB SSD M.2-2280 SATA III 6Gb/s M.2, no SATA 2.5in, Full-Height Half-Length (FHHL) PCIe empty x16 PCIe 3.0 (8GT/s) slot supports up to 50W with 1x 240W Dual input feeds DC (-40VDC to -57VDC)

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