FTA 5180

1U Rackmount nexCPE™ Appliance w/ Intel® Xeon® D-1700 Processor, 6 x 10G SFP+, 2 x 10G RJ45, 2 x 2.5G RJ45 Ports, and 1 x LAN Module Slot
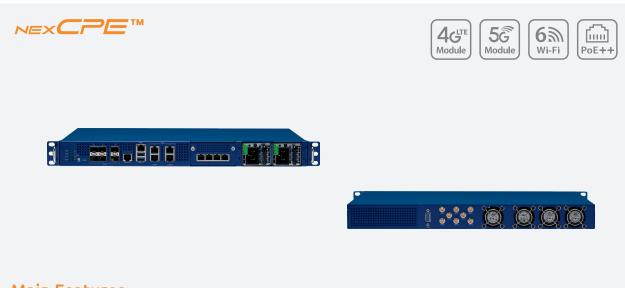
Main Features

- Intel® Xeon® D-1734NT processor
- 4 x RDIMM/UDIMM socket, support ECC/non ECC, up to 256GB
- 2 x M.2 2242 Key M with SATA signal
- 6 x 10G SFP+ ports
- 2 x 10GBaseT RJ45 PoE++ port
- 2 x 2.5G RJ45 PoE++ ports
- 1 x LAN module slot
- Supports IPMI2.0
- Supports Intel® QAT
- TPM2.0 onboard

Product Overview

FTA 5180 is a high-end networking appliance in 1U rackmount form factor for edge computing applications. With Intel® Xeon® D-1700 LCC processor inside, it provides impeccable performance and enables 10 high-bandwidth interfaces for speedy connections, including 6 x 10GbE SFP+ ports, and 2 x 10GbE & 2 x 2.5GbE RJ45 PoE++ ports. FTA 5180 features BMC and out-of-band (OOB) remote management. It also supports 5G (sub-6 GHz) and Wi-Fi modules installation, offering extra FWA capability and connecting a variety of devices seamlessly.

Specifications

Main Board
- Intel® Xeon® D-1734NT, SoC, BGA type, 8 cores, w/QAT
- TPM2.0 onboard
- Dual BIOS onboard

Main Memory
- 4 x DDR4 2666 RDIMM/UDIMM ECC/non ECC sockets, up to 256GB

Storage
- 2 x M.2 2242 Key M SATA SSD

Interface External
- Button: PWR/reset
- LED: PWR/SSD/SYS1/SYS2/PoE
- 8 x SMA connectors
- 2 x USB 3.0 ports
- 1 x RJ45 console port
- 1 x RJ45 management port
- 6 x 10G SFP+ ports
- 2 x 10GBaseT RJ45 PoE++ ports
- 2 x 2.5G RJ45 PoE++ ports
- 1 x VGA port
- 1 x LAN module slot

- 2 x AC power inlets
- 4 x Smart fans

Interface Internal
- 1 x M.2 3042 Key B slot for 5G module
- 1 x mini-PCIe slot for Wi-Fi module

Power
- 650W (1+1) redundant PSU

Dimension and Weight
- Chassis dimension (mm): 438 x 370 x 44mm (W x D x H)

Environment
- Operating temperature: 0℃~40℃
- Storage temperature: -20℃~80℃
- Relative humidity: 10%~90% non-condensing

Environment
- Operating temperatures: 0℃~40℃
- Storage temperature: -20℃~75℃
- Relative humidity: 10%~90% non-condensing

Certification
- CE/FCC class A
- CE-LVD

NEXCOM

Ordering Information

- **FTA 5180 (P/N: 10FT0518000X0)**
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  processor, 6 x 10G SFP+, 2 x 10G RJ45, 2 x 2.5G RJ45 ports, and 1 x
  LAN module slot