

FTA 5190

Compact Edge Server w/ Intel® Xeon® 6 SoC processor,
8 x 25GbE fiber, 8 x 1GbE copper ports, and 1 x LAN module slot



Main Features

- Intel® Xeon® 6 SoC processor, up to 32 cores, up to 235W
- 4 x DDR5 6400 ECC RDIMM, up to 128GB
- 1 x M.2 Key M 2280 NVMe SSD (PCIe 4.0/5.0)
- 2 x M.2 Key M/B 2242 SSD
- 8 x 25GbE SFP+ ports
- 8 x 1GbE RJ45 ports
- 1 x LAN module slot
 - Supports: 1 x PCIe 4.0 x16

Product Overview

FTA 5190 is a compact yet powerful Edge server powered by Intel® Xeon® 6 SoC high core count CPU (formerly: Granite Rapids-D), equipped with PCIe Gen4/5 NVMe storage, it processes hot data with ease for collaboration, big data, and application-centric deployments. The form factor of FTA 5190 is optimized with a shorter depth (less than 400mm) to fit into limited space such as a wall mount rack or a telecom cabinet. With its extensive Ethernet capabilities, including eight 25GbE fiber and eight 1GbE copper ports, FTA 5190 is an innovative high-speed Ethernet AI Edge solution, delivering enhanced performance for network security, image recognition, and media analytics.

Specifications

Main Board

- Intel® Xeon® 6 SoC processor, up to 32 cores, up to 235W
- Supports Intel® QAT Gen 5
- TPM 2.0

Main Memory

- 4 x DDR5 6400 ECC RDIMM, up to 128GB, 32GB per DIMM

Storage

- 1 x M.2 Key M 2280 NVMe SSD (PCIe 4.0/5.0)
- 2 x M.2 Key M/B 2242 SSD (with RAID 0/RAID 1 or AHCI)

Interface External

- 8 x 25GbE SFP+ Ports
- 8 x 1GbE RJ45 Ports
- 1 x LAN module slot
 - Supports: 1 x PCIe 4.0 x16
- 1 x 2.5 GbE RJ45 Management port
- 1 x RJ45 Console port
- 2 x USB 3.0, Type-A
- 2 x Buttons: Power/Reset
- LEDs: Status/MGMT/SYS/PWR1/PWR2/NVMe/SSD1/SSD2

Power

- 1 x 420W (1+1) Redundant power supply

Dimension and Weight

- Chassis dimension: 438 mm x 399 mm x 44 mm (W x D x H)
- Carton dimension: TBC
- Without packing: TBC
- With packing: TBC

Environment

- Operating temperatures: 0°C~40°C
- Storage temperature: -20°C~70°C
- Relative humidity: 10%~90% non-condensing

Certification

- CE
- FCC class A
- LVD

Ordering Information

- **FTA 5190 (P/N: 10FT0519000X0)**
1U rackmount w/ Intel® Xeon®-D processor, 8 x 25GbE SFP+ ports,
8 x 1GbE RJ45 ports, and 1 x LAN module slot