FX-3420

2U 19□ Rackmount Hyper-Converged Appliance Support Dual 2nd Gen Intel® Xeon® Processor Scalable Family (Cascade Lake-SP)

Images are for refernce only. See ordering information for SKU details.

Features

- Support Dual 2nd Gen Intel® Xeon® Processor Scalable Family (codenamed Cascade Lake-SP)
- 4x 10G SFP+, 6x GbE RJ45, 1x LOM port, 1x MGMT port
- Hot-swappable 12+2 HDD/SSD Drive Bays (SATA/NVME/SAS)
- 24x 288pin, DDR4 2666 MHz REG DIMM, Max. 768GB
- 2x PCI-E*16 (Max. 266.7mm) + 1x PCI-E *8 HH/HL
- 850W 1+1 Redundant PSU

Specifications

Platform	
Form Factor	2U 19" Rackmount
Processor Options	Support Dual 2nd Gen Intel® Xeon® Processor Scalable Family (codenamed Cascade Lake-SP)
CPU Socket	2x FCPGA
Chipset	Intel C621
Security Acceleration	Optional module
BIOS	AMI SPI Flash BIOS
System Memory	
Technology	DDR4 2666 MHz REG DIMM
Max. Capacity	768 GB
Socket	24x 288-pin DIMM
Networking	
Ethernet Ports	4 x 10G SFP+ 6 x GbE RJ45
Bypass	N/A
NIC Module Slot	N/A
LOM	
IO Interface	1 x RJ45
OPMA Slot	IPMI Chip Onboard
I/O Interface	
Reset Button	1
LED	Power/Status/Storage
Power Button	1 x ATX Power Switch
Console	1 x DB9 Console
USB	2 x USB 2.0 and 2 x USB 3.0 Ports at rear
Serial COM port	1
LCD Module	N/A
Display	VGA port
Power Input	AC Power Inlet on PSU

Storage	
HDD/SSD Support	Front: 12 x 3.5"HDD SATA 6G (Default), SAS/2 NVME (Optional) Back: 2 x 2.5" SATA 6G
Onboard Slots	1 x M.2-22110 (NVME)
Expansion	
PCIe	2x PCI-E*16 + 1x PCI-E*8 HH/HL
M.2	M.2 PCIe 22110 NVMe SSD
Miscellaneous	
Watchdog	Yes
Internal RTC with Li Battery	Yes
TPM	Yes (Optional)
Cooling	
Processor	Passive CPU Heatsink
System	6x individual hot-swappable cooling fans with smart fan
Environmental Parameters	
Temperature	0~40°C Operating -20~70°C Non-Operating
Humidity (RH)	5~90% Operating 5~95% Non-Operating
System Dimensions	
(WxDxH)	445 x 760 x 88 mm
Weight	TBD
Package Dimensions	
(WxDxH)	790 x 800 x 220 mm
Weight	26 kg
Power	
Type / Watts	850W 1+1 Redundant PSU
Input	AC 100V~240V @47~63Hz
Certification	
Approvals and Compliance	CE/FCC Class A

Network Appliance

Product I/O View

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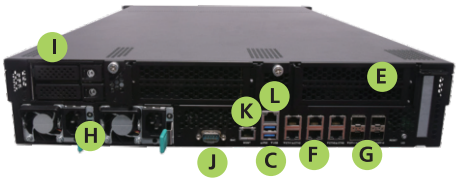
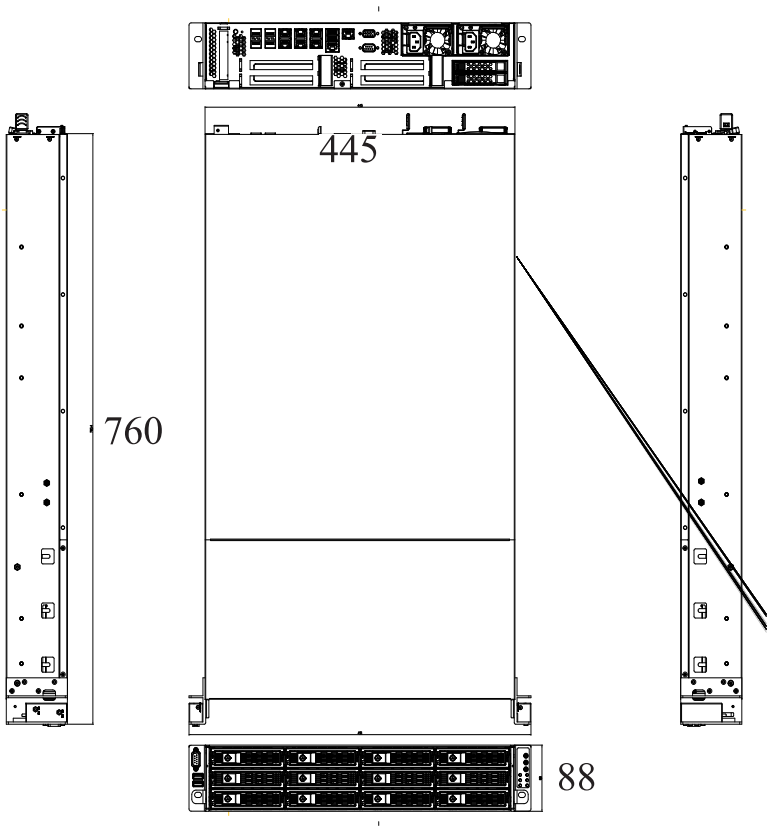


- **A** 12x 3.5" Swappable HDD Bays
- **B** VGA port
- **C** USB ports
- **D** Status LEDs
- **E** PCI-E slots
- **F** RJ-45 ports
- **G** SFP+ ports
- **H** PSUs
- **I** 2x 2.5" Swappable HDD Bays
- **J** COM port
- **K** Management port
- **L** IPMI port

Dimensions (WxDxH): 445 x 760 x 88 mm



Ordering Information

FX-3420A 2U 19" Rackmount Storage Network Appliance Support Dual 2nd Gen Intel® Xeon® Processor Scalable Family (Cascade Lake-SP)

Lanner

FX-3420