

NCA-4025

1U 19" Rackmount Network Appliance with Intel Xeon® D-2100 8~16 Cores Processor (Codenamed Skylake-D)



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

■ Features

- Intel® Xeon D-2100 8/12/16 Cores Processor
- 4x DDR4 2666 MHz, Max. 512GB
- 8x GbE RJ45 and 4x SFP+
- 1x RJ45 Console, 1x LOM For IPMI (Optional), 2x USB 2.0
- 2x 2.5" Internal HDD/SSD Bays, 1x M.2 Onboard Slot
- Intel® QuickAssist Technology (By SKU)

■ Specifications

Platform	
Form Factor	1U 19" Rackmount
Processor Options	Intel® Xeon® D2100 8/12/16 Cores
CPU Socket	1 x Onboard
Chipset	N/A
Security Acceleration	Intel® QuickAssist Technology (By SKU)
BIOS	AMI SPI Flash BIOS
System Memory	
Technology	DDR4 2666MHz REG DIMM
Max. Capacity	512GB
Socket	4 x 288-pin DIMM
Networking	
Ethernet Ports	8 x GbE RJ45 Intel® i350-AM4 4 x SFP+ Intel® SoC Integrated MAC
Bypass	-
NIC Module Slot	2
LOM	
IO Interface	1 x LOM for IPMI (Optional)
OPMA Slot	N/A
I/O Interface	
Reset Button	1 (Default: software reset control by GPIO)
LED	Power/Status/Storage
Power Button	1 x ATX Power Switch
Console	1 x RJ45
USB	2 x USB 2.0
LCD Module	N/A
Display	N/A
Power Input	AC Power Inlet on PSU
Storage	

HDD/SSD Support	2 x 2.5" Internal
Onboard Slots	1 x M.2 2242
Expansion	
PCIe	N/A
mini-PCIe	N/A
SIM Card Slot	N/A
Miscellaneous	
Watchdog	Yes
Internal RTC with Li Battery	Yes
TPM	Yes (Optional)
Cooling	
Processor	Passive CPU Heatsink
System	4 x Swappable Smart Fans
Temperature	0~40°C Operating -20~70°C Non-Operating
Humidity (RH)	5~90% Operating 5~95% Non-Operating
System Dimensions	
(WxDxH)	438 x 510 x 44 mm
Weight	8.6 kg
Package Dimensions	
(WxDxH)	739 x 582 x 215 mm
Weight	15 kg
Power	
Type / Watts	450W 1+1 Redundant PSU
Input	AC 110~240V @47~63 Hz
Certification	
Approvals and Compliance	RoHs, CE/FCC Class A, UL

Product I/O View

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- A 2 x NIC Module Slots
- B 4 x SFP+
- C 8 x RJ45
- D Console
- E 2 x USB 2.0



- F Reset Button
- G Alarm Mute Button
- H On/Off Switch
- I Cooling Fans
- J Redudant PSUs

Dimensions (WxDxH) 438 x 510 x 44 mm

Ordering Information

NCA-4025A	Intel Skylake 16C D-2187NT w/ QAT, 8x GbE RJ45, 4x SFP+
NCA-4025B	Intel Skylake 16C D-2183IT w/o QAT, 8x GbE RJ45, 4x SFP+
NCA-4025C	Intel Skylake 12C D-2166NT w/ QAT, 8x GbE RJ45, 4x SFP+
NCA-4025D	Intel Skylake 12C D-2163IT w/o QAT, 8x GbE RJ45, 4x SFP+
NCA-4025E	Intel Skylake 8C D-2145NT w/ QAT, 8x GbE RJ45, 4x SFP+