

NCA-4035

1U 19" Rackmount Network Appliance with Intel Xeon® D2800/D2700 Multi-core Processor
(Codenamed Ice Lake D / Ice Lake D Refresh)



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

Features

- Intel® Xeon D2800/D2700 4~22 Cores Processor
- 4x DDR4 3200 MHz, Max. 256GB
- 4x 10G SFP+ (Default) Or 4x 25G SFP28 (By OEM Project)
- 10x GbE RJ45, 2 Pairs Of Bypass, 1x RJ45 Console, 2x USB 2.0
- 1x NIC Slot, 3x M.2 (SATA)
- 1 x PCIe*8 Slot (Customized)
- 300W 1+1 Redundant PSUs Or 350W Single PSU
- Intel® QuickAssist Technology (By SKU)

Specifications

Platform	
Form Factor	1U 19" Rackmount
Processor Options	Intel® Xeon® D2800/D2700 Series 4~22 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 3200 MHz REG ECC Or Non-ECC UDIMM/RDIMM
Max. Capacity	256GB
Socket	4 x 288-pin DIMM
Networking	
Ethernet Ports	2 x GbE RJ45 Via I210-AT 4 x GbE RJ45 Via I350-AM4 4 x GbE RJ45 Via I350-AM4 4 x 10G SFP+ (Default) Or 4 x 25G SFP28 (By OEM Project)
Bypass	2 Pairs
NIC Module Slot	1
LOM	
IO Interface	1 x LOM For IPMI
OPMA Slot	Yes
I/O Interface	
Reset Button	1
LED	Power/Status/Storage
Power Button	1 x ATX Power Switch
Console	1 x RJ45
USB	2 x USB 3.0
LCD Module	N/A
Display	N/A
Power Input	AC Power Inlet on PSU

Storage	
HDD/SSD Support	N/A
Onboard Slots	2 x M.2 2280 1 x M.2 2242
Expansion	
PCIe	1 x PCIe*8 Slot (Customized)
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 Individual Cooling Fans With Smart Fan
Temperature	0~40°C Operating -20~70°C Non-Operating
Humidity (RH)	5~90% Operating 5~95% Non-Operating
System Dimensions	
(WxDxH)	438 x 44 x 321 mm
Weight	8.6 kg
Package Dimensions	
(WxDxH)	739 x 215 x 582 mm
Weight	15 kg
Power	
Type / Watts	300W 1+1 Redundant PSUs Or 350W Single PSU
Input	Redundant: AC 100~240V @50~60 Hz Single: AC 100~240V @47~63 Hz
Certification	
Approvals and Compliance	CE/FCC Class A, UL, RoHS

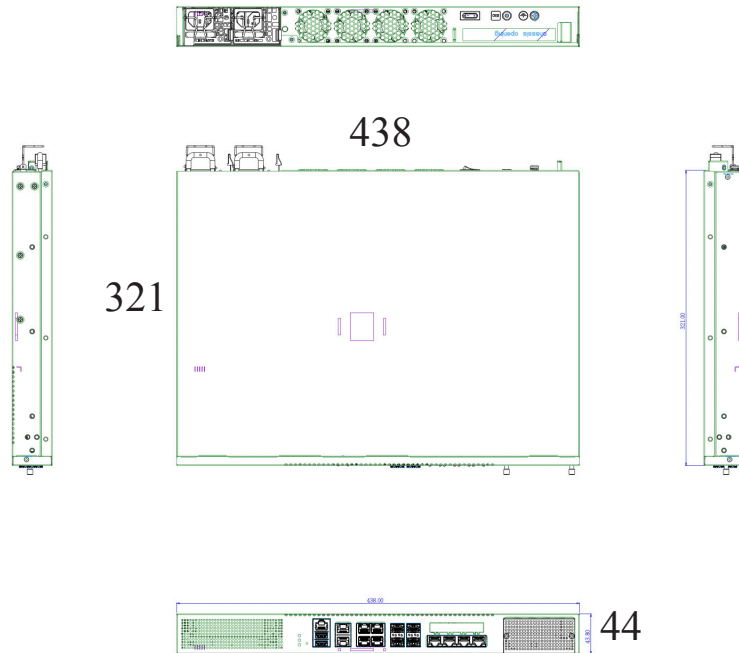
Product I/O View

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- | | | |
|---|---------------------------------------|-------------------------|
| A Console | E 1 x NIC Slot | I Redundant PSUs |
| B 6 x RJ45 | F 2 x USB 3.0 | J On/Off Switch |
| C 4 x 10G SFP+ or 4 x 25G SFP28 (By SKU) | G 1 x PCIe*8 Slot (Customized) | |
| D 4 x RJ45 | H 4 x Fans | |

Dimensions (WxDxH) 438 x 44 x 321 mm



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Ordering Information

NCA-4035A	Intel Ice Lake-D HCC D2798NT, 20C 125W CPU w/ 100G QAT, 1x RJ45 Console, 10x GbE RJ45 w/ 2 Pairs of Bypass, 4x 10G SFP+, 1x NIC Module, 1+1 Redundant PSU
NCA-4035B	Intel Ice Lake-D HCC D2776NT, 16C 117W CPU w/ 100G QAT, 1x RJ45 Console, 10x GbE RJ45 w/ 2 Pairs of Bypass, 4x 10G SFP+, 1x NIC Module, 1+1 Redundant PSU
NCA-4035C	Intel Ice Lake-D HCC D2753NT, 12C 87W CPU w/ 50G QAT, 1x RJ45 Console, 10x GbE RJ45 w/ 2 Pairs of Bypass, 4x 10G SFP+, 1x NIC Module, 1+1 Redundant PSU
NCA-4035D	Intel Ice Lake-D HCC D2733NT, 8C 80W CPU w/ 50G QAT, 1x RJ45 Console, 10x GbE RJ45 w/ 2 Pairs of Bypass, 4x 10G SFP, 1x NIC Module, 1+1 Redundant PSU
NCA-4035E	Intel Ice Lake-D HCC D2712T, 4C 65W CPU w/o QAT, 1x RJ45 Console, 10x GbE RJ45 w/ 2 Pairs of Bypass, 4x 10G SFP+, 1x NIC Module, Single PSU
NCA-4035F	Intel Ice Lake-D Refresh D2899NT, 22C 135W CPU w/ 100G QAT, 1x RJ45 Console, 10x GbE RJ45 w/ 2 Pairs of Bypass, 4x 10G SFP+, 1x NIC Module, 1+1 Redundant PSU

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