

NPC-8118-02

19" 1U Rackmount Network Application Platform



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Features

- Intel®LGA1155 package Xeon/Sandy Bridge/Ivy Bridge CPU;
- Supports four 240Pin standard DDR III 1066/1333MHz DIMM memory slots, supporting un-buffered ECC memory or Non-ECC memory, with a maximum memory capacity of 32GB;
- 1 x CF card, 1 x IDE DOM, 1 x 3.5" or 2 x 2.5" SATA HDD as storage, supporting RAID;
- 6 x 1000Mbps electrical port and 4 x 1000Mbps SFP port, supporting 2-group network Bypass;
- The platform supports up to 18 1000Mbps network ports by PCIE slot expansion;
- The front panel adopts PVC film neutral design, which facilitates quick customization;
- VGA port can be brought out without damage, which is convenient for debugging;
- Two screws to open the chassis, which is convenient for maintenance;
- External Bypass switch to facilitate maintenance.

Specifications

System configuration

Processor	Intel® LGA1155 package Xeon E3-1275, E3-1225, i3-2120, i5-2500, i7-2600 series CPU
Chipset	Intel® C206
Memory	Four 240Pin standard DDR III 1066/1333MHz DIMM memory slots, supporting un-buffered ECC memory or Non-ECC memory, with a maximum memory capacity of 32GB

Storage

SATA	4 x SATA
CF	1 x CF
IDE	1 x IDE For DOM

IO ports

USB	4 x USB
COM	2 x COM

Network chipset	Intel® 82583+82580
Network port	6 x 10/100/1000Mbps RJ-45 port and 4 x 1000Mbps SFP port

Expansion bus

PCI	1
PCI-E	1 x PCIE x8
MINI-PCIe	/

Matched motherboards	NET-1818VD10N series
Operating environment	Temperature: 0°C~45°C/Humidity: 10%~95% (non-condensing)
Storage environment	Temperature: -10°C~55°C/Constant damp heat: (40)°C, (30-90)%RH
Power supply	250W
Others	/
Dimensions (W×H×D)	482.6mm x 436.5mm x 43.6mm

Matchable network expansion cards

Model No.	Network chipset	Network speed	Network port type	Bypass number
ENC-4211S/2201S	Intel® 82575/82576	1000Mbps	2 x SFP optical port	0
ENC-4211E/2211E	Intel® 82575/82576	1000Mbps	2 x RJ-45 electrical port	0/1
ENC-8411S/4401S	Intel® 82575/82576	1000Mbps	4 x SFP optical port	0
ENC-2421E	Intel® 82580	1000Mbps	4 x RJ-45 electrical port	2
ENC-8422ES	Intel® 82576	1000Mbps	2 x RJ-45 electrical port, 2 x SFP optical port	1
ENC-2211S	Intel® 82576	1000Mbps	2 x LC optical port	1
ENC-8211S	Intel® 82599	1000Mbps	2 x SFP+ optical port	0
ENC-8811S	Intel® 82576	1000Mbps	8 x SFP optical port	0

Ordering Information

Part No.	Model No.	Description
0020-056291	NPC-8118-02/NET-1818VD10N-01	A 1U 19" rack mount network application platform, which contains Intel® C206 chipset and supports up to 18 1000Mbps network ports.