

PNAC-41420

1U Intel® Comet Lake / Xeon® W-1200 Network Appliance with Up to 26 GbE Ports



Specification

CPU	1x Intel® Xeon® W-1200, Core™ i9/i7/i5/i3, Pentium®/Celeron® Processor (Formerly Comet Lake)
PCH/Chipset	Intel® W480E PCH
System Memory	4x DDR4 ECC/Non-ECC 2933MHz UDIMM up to 128GB
Ethernet Port	Up to 26x Ethernet ports with 8x RJ45 GbE, 2x SFP GbE and 16x RJ45/SFP GbE from two Network Modules
Bypass	2x segments on board and up to 4x segments from Network Modules
Expansion	- 2x PCIe Gen3 x8 NIC slots for proprietary Network Modules - 1x M.2 E-Key 2230 slot - 1x PCIe Mini card slot (PCIe x1) - 1x PCIe Gen3 x8 for Standard PCIe card (optional) - 1x Nano SIM slot
Storage Device	- 2x 2.5" SATA HDD/SSD - 1x M.2 B-Key 2242 slot (SATA) - 1x M.2 M-Key 2242/2280 (PCIe x4) slot (optional)
Display	VGA (optional)
TPM	TPM 2.0 on board
Power Supply	300W Single PSU / (as option) 400W 1+1 redundant PSU
Dimension	- 430 (W) x 450 (D) x 44 (H) mm - 16.93" (W) x 17.7" (D) x 1.73" (H)

Operation

Operating Environment	- Temperature: 0 - 40°C (32 - 104°F) - Humidity: 10 - 90% RH
Storage Environment	- Temperature: -10 - 70°C (14 - 158°F) - Humidity: 5 - 95% RH
Certification	CE / FCC Class A
OS Support	Linux Kernel

Features

- Intel® Xeon® W-1200, Core™, Pentium®/Celeron® Processors (Formerly Comet Lake)
- 4x DDR4-2933 ECC/Non-ECC Memory Slots Up to 128GB
- Up to 26x RJ45/SFP GbE Ports with Two Proprietary Network Modules (by SKU)
- Up to 6x Segments of Bypass Function, 2x on board and 4x from Proprietary Network Modules
- 2x 2.5" HDD/SDD & 3x M.2 Slots with M/E/B-Key (by SKU)



Front Panel

Management Port	1x RJ45 system Console port
Ethernet Port	- 8x RJ45 GbE ports - 2x SFP GbE ports
Ethernet	2x PCIe Gen3 x8 slots for proprietary Network Modules
LCD Panel	128 x 32/64 Graphic, 2 x 16 Characters with 4 keypads
LED	Power / Storage
USB	2x USB 3.0 Type A ports

Optional CPUs

Models	Cores/Threads	Frequency(Max)	Cache	TDP
Intel® Celeron® G5900E	2C/4T	3.20GHz (3.20GHz)	2MB	58W
Intel® Pentium® Gold G6400E	2C/4T	3.80GHz (3.80GHz)	4MB	58W
Intel® Core™ i3-10100E	4C/8T	3.20GHz (3.80GHz)	6MB	65W
Intel® Core™ i5-10500E	6C/12T	3.10GHz (4.20GHz)	12MB	65W
Intel® Core™ i7-10700E	8C/16T	2.90GHz (4.50GHz)	16MB	65W
Intel® Core™ i9-10900E	10C/20T	2.80GHz (4.70GHz)	20MB	65W
Intel® Xeon® W-1250E	6C/12T	4.10GHz (4.80GHz)	12MB	80W
Intel® Xeon® W-1270E	8C/16T	3.40GHz (5.00GHz)	16MB	80W

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