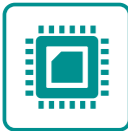# NPC-8128-03

Network Application Platform

NPC-8128E-03 is a standard 1U 19" rack-mounted mainstream network application platform. It adopts Intel® H110 chip, supports Intel® LGA1151 packaging i3, i5 and i7 Intel 6th and 7th processors, and has 32GB DDR4 memory. The platform adopts a modular design. By configuring network modules, it supports up to 22 high-performance Gigabit LAN ports and 11 groups of bypasses. NPC-8128E-03 can be widely used in network security application scenarios such as enterprise firewalls, antivirus walls, VPN, network acceleration, gatekeepers and application delivery.

Product Features

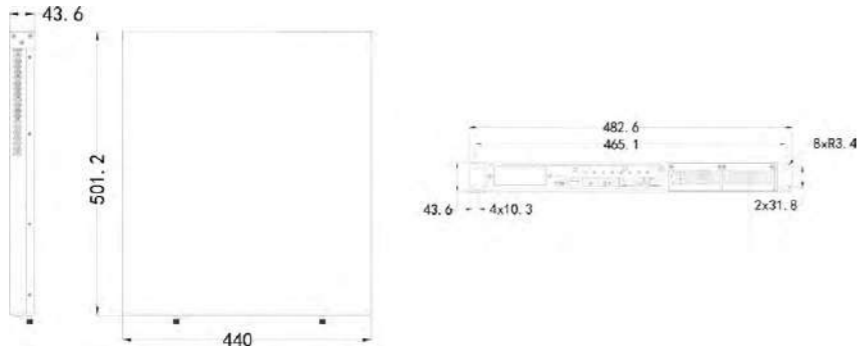| Supports multiple series of processors	2 x memory slot	Multiple hard disk bays	Abundant LAN ports	Quick customization

Product Dimensions Drawing

(Please refer to the user manual to check detailed specifications and dimensions) (unit: MM)

Product Specifications

Item		Description
System Configuration	Processor	Supports Intel 6th/7th Gen and some 8th/9th Gen Core/Pentium/Celeron LGA1151 packaging processors
	Chipset	Intel H110
	Memory	Provides 2 x DDR4 1866/2133/2400MHz memory slot, and the total capacity of the complete PC can reach 32GB
Storage Port	SATA	Supports 4 x SATA port, and standard configuration of 1 x hard disk bay (3 x SATA3.0 port free)
	MSATA	Select 1 x Cfast slot (occupying 1 x SATA3.0 resource)
I/O Port	USB	2 x USB port (front), 2 x USB2.0 pin and 1 x USB3.0 pin (built-in)
	COM	1 x Console port (front), 1 x RS232 serial port pin (built-in)
Display Port		1x VGA port
Network card chip		Intel® I210/I211
LAN port		Onboard 6 x Gigabit electrical port
GPIO		The motherboard supports 8-channel GPIO port
Expansion Bus	PCIE	Onboard 1 x PCIE 8X slot or ENS (alternative)
	ENS	1 x ENS expansion slot; 2 expansion slots optional, Part No.: EB-X8N-200B Part No.: 1090-012451)
Matched Motherboard		NET-1828VD6N(E) series
Working Environment		Working temperature: 0°C -40°C
Storage Environment		Storage temperature: -20°C ~ 70°C; storage humidity: 10% ~ 90% (non-condensing state)
Power supply		250W/180W ATX single power supply. Note: When redundant power supply is selected, the chassis needs to be deepened by 50 mm
Overall Dimensions (excluding mounting ears)		440mm(W)×44mm(H)×501mm (D)
Supported Operating Systems		Linux OS (kernel version 2.6 and later). Please refer to the product manual for details

Ordering Information

Part No.	Model	Description
0010-189481	NPC-8128E-03/I3-6100 processor /8G memory /1T hard disk /3BP/250W single power supply	Standard 1U rack-mounted barebone system/H110 platform/I3-6100 CPU/1*8G memory/1*1T hard disk/onboard 6*Gigabit electrical port/3 groups of BP/with NET-1828VD6N(E)-02 motherboard/standard 250W single power supply
0010-189491	NPC-8128E-03/I3-6100 processor /8G memory /1T hard disk /2BP/250W	Standard 1U rack-mounted barebone system/H110 platform/I3-6100 CPU/1*8G memory/1*1T hard disk/onboard 6*Gigabit electrical ports/2 groups of BP/with NET-1828VD6N(E)-04 motherboard/standard 250W single power supply
0010-189501	NPC-8128E-03/I3-6100/8G/1T/0BP/250W	Standard 1U rack-mounted barebone system/H110 platform/I3-6100 CPU/1*8G memory/1*1T hard disk/onboard 6*Gigabit electrical port/0 group of BP/with NET-1828VD6N(E)-06 motherboard/standard 250W single power supply
0020-067471	NPC-8128E-03 / no processor / no memory / no hard disk/0BP/250W single power supply/barebone system	Standard 1U rack-mounted barebone system/H110 platform/no CPU/no memory/no hard disk/onboard 6*Gigabit electrical port/0 group of BP/with NET1828VD6N(E)-06 motherboard/standard 250W single power supply

Note: EVOC Intelligent reserves the right to final interpretation of product specifications and ordering information etc.