

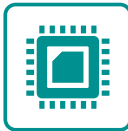
NPC-8232

Network Application Platform

NPC-8232 is a network security product developed based on Atom P5300 series processors. It has a dominant frequency of 2.2GHz, a maximum cache of 27M and supports up to 24 cores. The complete PC adopts a 2U, 19-inch standard rack-mounted design, with onboard 8 x SFP + 10-Gigabit optical ports and 8 x RJ45 Gigabit electrical ports, supporting 6 x ENS network expansion slots (supporting 1U chassis customization), and the complete PC can support up to 64 LAN ports. NPC-8232 supports 8 to 24 cores, features high bandwidth and low latency, and can be widely used in network security application scenarios such as enterprise firewalls, VPN, load balancing, IPS/IDS, etc.



Product Features



P5300 processor



50G~100GQAT



Onboard direct output of 8 x 10-Gigabit optical port



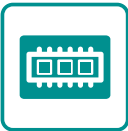
Dual DDR4 memory slot



BP function

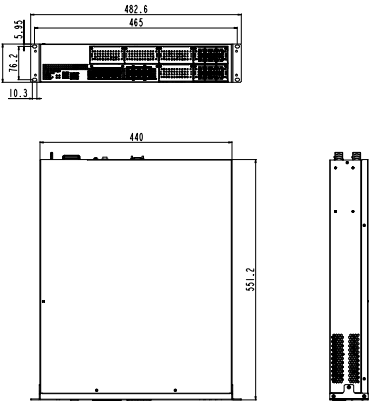


Supports quick customization of



Optional IPMI function

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 Atom P5300 series processor, optional P5322/P5332/P5342/5352/5362, number of cores: 8~24 |
| | Chipset | SOC |
| | Memory | Provides 4 x DDR4 RDIMM/UDIMM memory slot, with single-slot support of up to 64G and a maximum memory frequency of 2933MHz |
| Storage Port | SATA | Supports 2 x SATA3.0 port, and standard configuration of 1 x hard disk bay (1 x SATA3.0 port free) |
| | MSATA | 1 x MSATA slot |
| I/O Port | USB | 2 x USB 2.0 port (front); 2 x USB 2.0 wafer socket (built-in) |
| | COM | 1 x RJ45 Console port (front), RS232 mode by default, supporting redirection function |
| Display Port | | 1 x VGA port (optional and can be led out at the rear). Note: If necessary, please indicate that a VGA port is provided when placing an order |
| Network card chip | | Intel®I350 |
| LAN port | | Onboard 8 x 10-Gigabit optical port +8 x Gigabit electrical port, supporting 4 groups of bypass |
| Expansion Bus | PCIE | Onboard 1 x standard PCIE X8 slot (X4 signal) |
| | ENS | 6 x ENS expansion slot |
| Matched Motherboard | | NET-1840VD16N 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 | | Standard 350W ATX redundant power supply |
| Overall Dimensions (excluding mounting ears) | | 440mm (W) x88mm(H)x550mm (D) |
| Supported Operating Systems | | Supports RHEL7.8, SLES SP4 64bit, Ubuntu20.04, Centos7.8 and above operating systems. Please refer to the product manual for details |

Ordering Information

| Part No. | Model | Description |
|-------------|---|---|
| 0010-181941 | NPC-8232-01/8G/2T/350W redundant power supply | Standard 2U rack-mounted complete PC/Atom P5322 2.2GHz/12C/8G DDR4/2T hard disk (enterprise level)/8*Gigabit electrical port (4 groups of Bypass), 8*SFP+/4*ENS network expansion slot/1*PCIE standard X8 slot/1*Console port/2*USB 2.0/1*Msata/2*SATA/1*MiniPCIE/350W redundant power supply |
| 0010-181951 | NPC-8232-02/8G/2T/350W redundant power supply | Standard 2U rack-mounted complete PC/Atom P5342 2.2GHz/16C/8G DDR4/2T hard disk (enterprise level)/8*Gbe (4 groups of Bypass), 8*SFP+/4*ENS network expansion slot/1*PCIE standard X8 slot/1*Console port/2*USB 2.0/1*Msata/2*SATA/1*MiniPCIE/350W redundant power supply |
| 0010-181961 | NPC-8232-03/8G/2T/350W redundant power supply | Standard 2U rack-mounted complete PC/Atom P5362 2.2GHz/24C/8G DDR4/2T hard disk (enterprise level)/8*Gbe (4 groups of Bypass), 8*SFP+/6*ENS network expansion slot/1*PCIE standard X8 slot/1*Console port/2*USB 2.0 port/1*Msata/2*SATA/1*VGA port/350W redundant power supply |

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