

ROCKNPC-ADV

Network Application Platform

Medium- and high-end network security product based on the X86 architecture. The complete PC adopts a standard 2U 19" rack-mounted chassis with an internal modular design, which is convenient for expanding LAN ports and storage expansion. The N35 has 5 front ENS expansion slots (optional 7 x ENS expansion slots), supporting up to 64 x Gigabit LAN ports or 28 x 10-Gigabit LAN ports, which can meet various network security application requirements in the market. It can be widely used in the hardware requirements of various network security service applications such as load balancing, data audit, application delivery, Internet behavior management and audit, next-generation firewall, traffic management, VPN, IDS/IPS, UTM, etc.



Product Features



Supports multiple series of processors



Multiple memory slots



Supports hard disk encryption, intrusion detection and BPI port



Multi-network expansion slot



Support forced Bypass switch

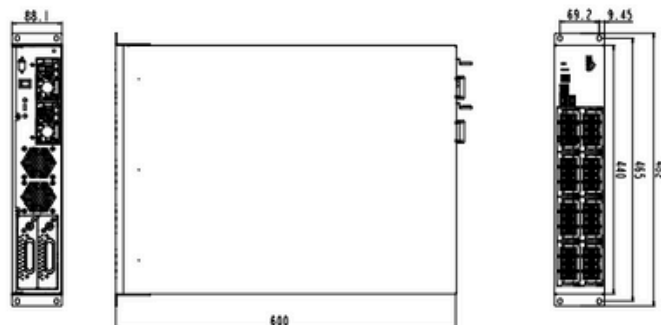


Optional IPMI function



Support VGA

Product Dimensions Drawing



Product Specifications

Item		Description
System Configuration	Processor	Supports Intel® 8th/9th Gen Core, Xeon E series, Celeron, Pentium and other LGA1151 packaging processors
	Chipset	Intel®C246
	Memory	Provides 4 x DDR4 memory slot, supports Un-buffered ECC and Non-ECC memories, and the maximum capacity of the complete PC is 128GB;
Storage Port	SATA	Supports 2 x SATA3.0 port (one of which is multiplexed with MSATA), and standard configuration of 1 x hard disk bay
	MSATA	1 x MSATA slot
I/O Port	USB	2 x USB3.0 port (external); 2 x USB3.0 pin (built-in)
	COM	1 x RJ45 Console port (external); 1 x RS-232 serial port pin (built-in)
Display Port		1x VGA port
Network card chip		Intel® I210/I211
LAN port		6 x Gigabit electrical port + 4 x Gigabit optical port Note: equipped with 2 x Gigabit electrical port, one of which can be replaced by an IPMI port (subject to actual configuration)
IPMI		Optional BMC module, supporting IPMI (Intelligent Platform Management Interface) function
Expansion Bus	PCIE	1 x PCIE X8 (X4 signal)
	ENS	5 x ENS expansion slot (7 optional), Note: 4/6/8 ENS expansion slots are optional for N35-03-09 configuration
Matched motherboard		NET-1836VD2N 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		Supports 350W redundant AC power supply (optional 250W single power supply)
Overall Dimensions (excluding mounting ears)		440mm(W)x88mm(H)x550mm(D)
Supported Operating Systems		Linux OS (kernel version 2.6 and above). Please refer to the product manual for details

Ordering Information

Model No	Description
ADV-01	Standard 2U rack-mounted complete PC/I5-8500 3.0G 6C/8G memory/1T HDD/2 x Gigabit electrical port/6*ENS network card expansion slot/1*PCIE X8 slot/2*USB/1*console port/250 single power supply
ADV-02	Standard 2U rack-mounted complete PC/E-2278GE 3.3G 8C/8G memory/1T HDD/6 x Gigabit electrical port (2 groups of BP)/ 4 x Gigabit optical port/5*ENS network card expansion slot/1*PCIE X8 slot/2*USB 3.0/1*console port/350W redundant power supply
ADV-03	Standard 2U rack-mounted complete PC/I7-8700 3.2G 6C/8G memory/1T HDD/6 x Gigabit electrical port (2 groups of BP) 4 x Gigabit optical port/7*ENS network card expansion slot/1*PCIE X8 slot/2*USB/1*console port/350W redundant power supply
ADV-04	Standard 2U rack-mounted complete PC/I7-8700 3.2G 6C/8G memory/1T HDD/2 x Gigabit electrical port/8*ENS network card expansion slot/1*PCIE X8 slot/2*USB/1*console port/350W redundant power supply