# NPC-5118-FT

Network Application Platform

NPC-5118-FT is a standard 1U rack mount network security application product developed based on a Phytium D2000 processor, supporting domestic Linux systems such as Kylin. The product is mainly used in communication, enterprise, finance, education, medical treatment and other fields. NPC-5118-FT can replace the application scenarios of most non-domestic H110, C236 and other platforms and is positioned as a domestic middle-end platform to help enterprises with domestic replacement and upgrading and consolidate enterprise information and asset security. It can be widely used in the new-generation high-end application delivery and can be widely applied to information security protection such as firewalls, behavior management and audit, VPN, vulnerability scanning, and gatekeepers.

Product Features
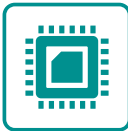
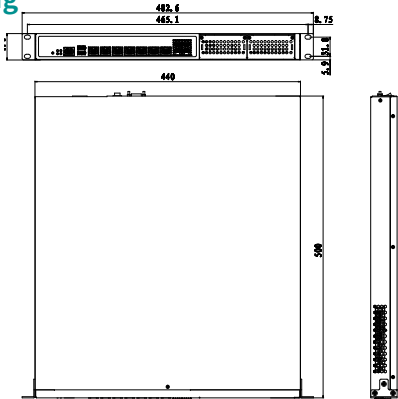| Domestic platform | Multiple memory slots | Multiple hard disk bays | Abundant LAN ports | Mainstream domestic OS | Support rapid customization |

Product Dimensions Drawing

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

Product Specifications

Item		Description
System Configuration	Processor	Phytium D2000/8C, with a dominant frequency of 2.3GHz
	Chipset	SOC
	Memory	Dual-channel, 2*DDR4 memory slots, supporting UDIMM; the single slot supports 32G
Storage Port	SATA	2 × SATA 3.0 interface, and standard configuration of 1 × hard disk bay (1 × free SATA3.0 interface)
	MSATA	1 × MSATA slot (multiplexed with SATA1 resources), 1 × M.2 KEY M
I/O Port	USB	2 × USB3.0 port (at front), 2 × USB3.0 pin (built-in)
	COM	1 × Console port, 2 × serial Wafer socket (built-in, RS-232 mode)
Display Port		1x VGA port
Network card chip		Muchuang N400L
Network port		Onboard 7 x Gigabit LAN port + 4 x Gigabit optical port, of which 1 x electrical port is a special management port
TPM Port		Supports trusted computing of TPM and TCM modules (separate adaptation is required)
Expansion Bus	PCIE	Onboard 2 × standard PCI_E X8 slot and 1 × Mini_PCIe slot (built-in, X1 signal)
	ENS	2 x ENS network card expansion slot
Matched Motherboard		NET-1601A11N1B 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 ATX redundant power supply (optional)
Overall Dimensions (excluding mounting ears)		4440mm (W) ×43.8mm (H) ×500mm (D)
Supported operating systems		Kylin X86, Unity and other Phytium systems. Please refer to the product manual for details

Ordering Information

Part No.	Model	Description
0010-199941	NPC-5118-FT01/16G/2T/1BP/250W single power supply	1U network rack-mounted complete PC/X100 chipset/D2000 2.3Ghz/1*16G memory/1*2T HDD/7*Gigabit electrical ports +4*Gigabit optical ports/1 group of bypass/2 × USB3.0/2*PCIE slots/2*ENS extension slots/1*VGA interface/1*Console port/2*USB ports/250W single power supply
0010-199951	NPC-5118-FT02/16G/2T/2BP/300W redundant power supply	1U network rack-mounted complete PC/X100 chipset/D2000 2.3Ghz/1*16G memory/1*2T HDD/7*Gigabit electrical ports +4*Gigabit optical ports/2 groups of bypass/2 × USB3.0/2*PCIE slots/2*ENS extension slots/1*VGA interface/1*Console port/2*USB ports/1*300W redundant power supply 0010-199961
0010-199961	03/16G/2T/3BP/300W redundant power supply	1U network rack-mounted complete PC/X100 chipset/D2000 2.3Ghz/1*16G memory/1*2T HDD/7*Gigabit electrical ports +4*Gigabit optical ports/3 groups of bypass/2 × USB3.0/2*PCIE slots/2*ENS expansion slots/1*VGA port/1*Console port/2*USB ports/300W redundant power supply
0020-068081	NPC-5118-FT-04/D2000/2BP/2 expansion slots/250W single power supply barebone system	1U network rack mount barebone system/X100 chipset/D2000 2.3Ghz/no memory/no hard disk/7*Gigabit electrical ports +4*Gigabit optical ports/2 groups of bypass/2*PCIE slots/2*ENS expansion slots/1*VGA port/1*Console/2*USB ports/1*250W single power supply

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