

MNHO-113

DATASHEET

PICOPC® Mini Firewall Router Intel N6005 3x2.5GbE WiFi6 Dual Intel® 10Gig SFP+ Fiber with 16GB RAM 128GB Storage

🔗 <https://www.pondesk.com/product/MNHO-113>

Features

- Mini Firewall/Server, Security Gateway Network Appliance
- 11th Gen. Intel® Pentium Silver N6005 Quad-Core Processor, up to 3.30 GHz
- Three Intel i225-V 2.5Gigabit RJ45 Gigabit Ethernet Ports (Network wake-up/PXE)
- Dual Intel® 82599ES 10Gigabit SFP + Fiber Ports
- Embedded Intel® AX201 Wi-Fi 6 (up to 2.4Gbps) and Bluetooth
- Embedded 16GB LPDDR4X Memory
- Embedded 128GB eMMC 5.1 Storage
- Support M.2 NVME 2280 SSD
- Support TF Card Storage
- HDMI Display (Integrated Intel UHD Graphics)
- Dual USB 3.1 Gen2 Ports up to 10Gbps
- Intel® AES-NI Data Protection
- Energy Efficient, Low Power Consumption
- Support Windows 10/11 & Linux, and Firewalls etc.
- Can be configured as a Firewall, LAN/WAN Router, VPN, DNS Server, DHCP Server
- Perfect for Security Gateway, Server, VPN and Firewalls.



Specifications

Processor

Intel® Pentium® N6005
4 Core, 4 Threads
4 MB L3 Cache, 3.30 GHz

Memory

Support 16GB
Embedded LPDDR4 Memory

Storage

Embedded 128GB eMMC Storage
Support 1 x M.2 NVMe 2280 SSD
Support TF Card

Display

HDMI Display
Integrated Intel® UHD Graphics
Support 4K

I/O Interfaces

3 x Intel i225-V 2.5Gigabit LAN
2 x Intel® 82599ES 10Gigabit SFP + Fiber
1 x HDMI
2 x USB 3.1 Gen2
1 x DC 12V In
1 x TF Card slot
2 x Antenna Ports

WiFi/BT

Embedded Intel® AX201 Wi-Fi 6 (up to 2.4Gbps) and Bluetooth

OS

Support Windows 10/11
Support Linux/Firewalls/Hypervisors:
Ubuntu 22.04 LTS, Ubuntu Server 22.04 LTS,
CentOS 8 stream, Debian 11.3, FreeBSD 12.3
Stable and above, pfSense 2.6.0, Proxmox VE 7.1,
OPNsense 22.7, VMware ESXI 7-Custom etc.

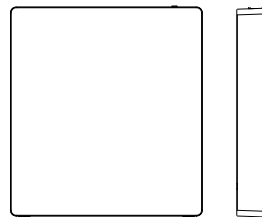
CPU Advanced Technologies

Intel® Speed Shift Technology
Enhanced Intel SpeedStep® Technology
Thermal Monitoring Technologies
Intel® Identity Protection Technology
Intel® Smart Response Technology
Intel® AES New Instructions
Intel® OS Guard
Intel® Boot Guard
Intel® Virtualization Technology (VT-x)
Intel® Virtualization Technology for Directed I/O (VT-d)

Others

Cooling: System FAN
Operating Temperature: 0°C ~ 40°C
Dimensions: 127.2 x 83 x 40.85 mm
Compliance: CE, FCC & RoHS, UKCA

Dimensions



127.2 x 83 x 40.85 mm (L*W*H)

Package

MODEL # MNHO- 113

- 1 x Mini Network Appliance
- 1 x Power Adapter
- 2 x WiFi Antennas

Optional

M.2 SSD

256GB/512GB/1TB NVMe SSD

