

Intel® Core™ i3-9100 8 LAN 4 10Gig SFP+ 4G 1U Rackmount Server SD-WAN Network Appliance

🔗 <https://www.pondesk.com/product/NSHO-007>

Features

- 1U Rackmount Server Network Appliance Security Gateway
- 9th Gen. Intel® Core™ i3-9100 Processor
- Quad-core, 6M Cache, up to 4.20 GHz
- Intel® SGX & Intel® AES-NI data protection
- 8x Intel® i211-AT Gigabit Ethernet (Support wake on LAN/PXE)
- 4x 1Gig SFP/10Gig SFP+ fiber ports (optional)
- RJ45 Console (CISCO Standard)
- HDMI HD display and Dual USB3.0 ports
- Support 802.11 AX Wi-Fi 6 & 4G LTE WWAN Networks
- Support up to 64GB SODIMM DDR4 Memory
- Support four storage drives (mSATA & 2.5" SATA SSD/HDD)
- Support Windows/Windows Server/Linux/Unix etc.
- Can be configured as a Firewall, LAN/WAN Router, VPN, DNS Server, DHCP Server



Specifications

Processor

Intel® Core™ i3-9100
Processor 4 Core, 4 Threads
6M Cache, up to 4.20 GHz

Memory

Support up to 64GB (optional)
SODIMM DDR4
2 x Memory Slots

Storage

Support 1 x mSATA SSD
Support 1 x 2.5" SATA SSD/HDD
Support 2 x 2.5" SATA SSD/HDD OR
2 x 3.5" SATA HDD

Display

HDMI Display
Intel® UHD Graphics 630

I/O Interfaces

8 x Intel i211-AT Gigabit LANs
1 x RJ45 Console
4 x 1Gig SFP/10Gig SFP+ fiber ports
1 x HDMI
2 x USB 3.0
1 x AC 100-240V In (C13 Socket) HDD &
Power LEDs

Onboard I/O

1 x mSATA 3.0 Slot
1 x 2.5" SATA 3.0 Slot
2 x SODIMM DDR4 memory Slots
1 x Full size Mini PCIe Slot
1 x PCIe x8 SFP Slot
2 x USB 2.0

OS

Support Windows 10 & Windows Server
Support Linux/Unix
Support Firewalls (pfSense, Untangle, Sophos etc.)

CPU Advanced Technologies

Intel® Identity Protection Technology
Intel® Virtualization Technology (VT-x)
Intel® Virtualization Technology for Directed I/O (VT-d)
Enhanced Intel SpeedStep® Technology
Thermal Monitoring Technologies
Intel® AES New Instructions
Intel® Software Guard Extensions (Intel® SGX)

Expansion Slots

1 x Full Size mini PCIe (For WiFi/4G WWAN)
1 x PCIe x8 SFP Slot (for Fiber Optic)

Power & Working Environment

Input: 100-240V - 50-60Hz
Operating Temperature: -10°C ~ 50°C
Storage Temperature: -20°C ~ 70°C
Relative Humidity: 5% - 95% (non-condensing)
Vibration: 0.5g rms/5-500HZ/random/operating

Others

BIOS: AMI 64MB Flash ROM
Watchdog: Hardware Reset Function (L256, 0-255 Sec.)
Cooling: Processor/System FAN
Dimensions: 430mm x 360mm x 45mm (L*W*H)
Gross Weight: Approx. 8 KG

Dimensions



430mm x 360mm x 45mm (L*W*H)

Package

MODEL # NSHO-007

- 1 x Network Server
- 1 x Power Cord

Optional

Wi-Fi/4G

802.11 b/g/n WiFi
802.11 AX WiFi (2.4Gbps)
4G (up to 150 Mbps)

Fiber Ports

1Gig SFP Fiber Ports
10Gig SFP+ Fiber Ports

Memory

mSATA SSD
2.5" SATA SSD
2.5" SATA HDD

4GB/8GB/16GB/32GB/64GB DDR4 Memory
32GB/64GB/128GB/256GB/512GB/1TB mSATA SSD
128GB/256GB/512GB/1TB/2TB 2.5" SATA SSD
500GB/1TB/2TB 2.5" SATA HDD

