

Intel® Pentium® G6505 8x LAN SFP+ 1U Rackmount Server with 3x SSD 5G Wi-Fi 6E & RPSU

🔗 <https://www.pondesk.com/product/NSHO-012>

Features

- Powered by Intel Pentium® G6505 (2 Core, 4.20 GHz, 58W)
- Support 4x UDIMM DDR4 up to 128GB memory
- Support 2x 2.5"/3.5" HDD/SSD SATA 3.0 for storage with RAID 0,1,5,10 Support
- Support 1x M.2 2280 NVMe SSD
- Offers 8x Intel WGI210AT GbE RJ45 LAN with Wake-on-LAN/PXE support
- 1x M.2 E-Key 2280 for Wi-Fi/BT (optional)
- 1x M.2 B-Key 3042/3052 for 4G/5G (optional)
- 10/25/40G SFP+ fiber ports (optional)
- 1x VGA port for display
- Offers rich I/O interfaces such as 2x USB 3.0, 1x Console port
- Equipped with 450W redundant power supply unit for system reliability



Specifications

Processor

Intel® Pentium® G6505 Processor
2 Core, 4 Threads
4M Cache, 4.20 GHz

Memory

Support up to 128GB memory (optional)
UDIMM DDR4
4 x Memory Slots

Storage

Support 2 x 2.5" SATA SSD/HDD or
2 x 3.5" SATA HDD
Support 1 x M.2 M-Key 2280 NVMe
Support RAID 0,1,5,10

Display

1 x VGA
Integrated Intel UHD 630

I/O Interfaces

8 x Intel WGI210AT Gigabit LANs
1 x RJ45 serial port
10/25/40G SFP+ Ports (Optional)
1 x VGA
2 x USB 3.0
Power & Reset Buttons
HDD & Power LED Indicators
2 x AC 110-220V In (C13 Socket) for
Redundant Power Supply

Internal Connectors

2 x 4 Pin System Fan Interface
1 x 4 Pin CPU Smart Fan Interface
1 x Micro SIM Slot
2x 5 pin USB2.0 Header
24 Pin ATX Power Input
8 Pin ATX Power Input

OS

Support Windows 10/11
Support Linux

CPU Advanced Technologies

Intel® AES New Instructions
Intel® Virtualization Technology (VT-x)
Intel® Virtualization Technology for Directed I/O (VT-d)
Enhanced Intel SpeedStep® Technology
Thermal Monitoring Technologies
Intel® Hyper-Threading Technology
Intel® 64
Intel® Boot Guard

Expansion Slots

1 x M.2 B-Key 3042/3052 for 4G/5G
1 x M.2 E-Key 2230 for Wi-Fi/BT
1 x M.2 M-Key 2280 for NVMe SSD

Power & Working Environment

Power Input: AC 110-220V, 50-60Hz
Power Output: Standard 450W RPSU
Operating Temperature: 0°C ~ 60°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 525mm x 44.5mm (L*W*H)

Dimensions



430mm x 525mm x 44.5mm (L*W*H)

Optional

Wi-Fi/BT

802.11 b/g/n WiFi

4G/5G

802.11 AX WiFi (2.4Gbps)
4G LTE-A Cat 6 M.2 (300Mbps)
4G LTE-A Cat 12 M.2 (600Mbps)
5G Sub-6 GHz M.2 (4Gbps)

Fiber Ports

10/25/40G SFP+ Ports (Optional)

Memory

8GB/16GB/32GB/64GB/128GB DDR4 UDIMM Memory

NVMe SSD

128GB/256GB/512GB/1TB/2TB NVMe SSD

2.5" SATA SSD

128GB/256GB/512GB/1TB/2TB 2.5" SATA SSD

2.5" SATA HDD

500GB/1TB/2TB 2.5" SATA HDD

