

Intel Atom® Denverton C3558 4 LAN 2 SFP uCPE/vCPE 5G SD-WAN NFV Fanless Appliance

<https://www.pondesk.com/product/MNHO-091>



MADE IN TAIWAN

Features

- Intel Atom® (Denverton) C3558 Processor
- Quad-Core, 8M Cache, up to 2.20 GHz
- Best for uCPE/vCPE, SD-WAN and NFV
- Support 4G/5G WWAN Networks (3x SIM Slots)
- Support 802.11 AC Wi-Fi
- Support Intel® QuickAssist Technology (Intel® QAT)
- Support Intel® Data Plane Development Kit (Intel® DPDK)
- Support SR-IOV (Single-root Input/output Virtualization)
- Intel® AES-NI & Secure Key
- Support TPM 2.0, PXE Boot/Wake on LAN
- Four Gigabit Ethernet LAN
- Two Gigabit SFP Fiber Port
- Support VGA Display Port
- Support up to 32GB DDR4 Memory
- Built-in 32GB eMMC Storage
- Support mSATA and 2.5" SATA Storage
- Aluminium Alloy - Completely Fanless
- Suitable for Firewall, uCPE/vCPE, SD-WAN and NFV Applications

**Specifications****Processor**

Intel Atom® (Denverton) C3558 Processor
4 Core, 4 Threads
8M Cache, up to 2.20 GHz

Memory

Support up to 32GB
DDR4 SODIMM 2133MHz
Non-ECC Memory
Two Memory Slots

Storage

32GB eMMC Built-in Storage
Support 1 x mSATA SSD
Support 1 x 2.5" SATA SSD/HDD

Network Ports

Four Gigabit Ethernet Ports (Marvell 88E1543)
Two Gigabit SFP Fiber Ports (Intel i350-AM2)

Expansion Slots

1 x M.2 3052 B-Key (for 4G/5G WWAN)
1 x M.2 3042 B-Key (for 4G WWAN/Wi-Fi)
1 x Mini PCIe (for Wi-Fi/VGA Module)

I/O Interfaces

4 x Gigabit Ethernet
2 x Gigabit SFP
1 x RJ45 Console
2 x USB 2.0
1 x VGA (optional)
3 x SIM Slots
6 x Antennas Port

Advanced Technologies

Intel® Virtualization Technology (VT-x)
Intel® Virtualization Technology for Directed I/O (VT-d)
Intel® VT-x with Extended Page Tables (EPT)
Integrated Intel® QuickAssist Technology

Security & Reliability

Intel® AES New Instructions
Secure Key
Intel® OS Guard

OS

Support Windows Server/Linux/
Firewalls etc.

Power & Working Environment

Adapter Input: AC 100-240V ~ 50-60Hz
Adapter Output: DC 12V 5A
System Input: DC 12V
Consumption: 12W~20W
Operating Temperature: -10°C ~ 30°C
Storage Temperature: -20°C ~ 70°C
Humidity: 10 ~ 85% Relative Humidity

Others

Chassis Material: Aluminium Alloy
Cooling: Completely Fanless
Dimensions: 250mm x 180mm x 57mm
Weight: 1 KG
Package: 1 x Network Appliance
1 x Power Adapter
1 x Cord

Package

- 1 x Network Appliance
- 1 x Power Adapter
- 1 x Power Cord

Optional**WiFi / VGA**

802.11 AC WiFi (PCIe Module)
HD VGA Display

4G LTE / 5G

4G (up to 150 Mbps)
4G (up to 300 Mbps)
4G (up to 600 Mbps)
5G (coming soon)
4GB/8GB/16GB/32GB DDR4 Memory
16GB/32GB/64GB/120GB/240GB/480GB/1TB mSATA SSD
500GB/1TB/2TB 2.5" SATA HDD
16GB/32GB/64GB/120GB/240GB/480GB/1TB 2.5" SATA SSD

Memory
mSATA SSD
2.5" SATA HDD
2.5" SATA SSD

