

Intel® Core™ i5-1135G7 6 LAN, 6 USB, 1 COM, Wi-Fi/4G Fanless Fanless Network Appliance

🔗 <https://www.pondesk.com/product/MNHO-089>

Features

- Completely Fanless Security Gateway Network Appliance
- Intel® Core™ i5-1135G7 Quad-Core Processor
- 8 Threads, 8 MB Intel® Smart Cache, up to 4.20 GHz
- Aluminium Alloy Dustproof
- Six Intel i211-AT Gigabit RJ45 Ethernet
- Dual VGA & HDMI Display, Support 4K HD
- Intel® HD Graphics, Support DirectX 12 OpenGL 4.5
- 10pin 4 Way In/Out GPIO Phoenix Terminal
- RS232 COM and RJ45 Console
- Support WiFi/3G/4G LTE (optional)
- Support up to 64GB SODIMM DDR4 Memory
- Support Dual Storage (mSATA & 2.5" SATA SSD/HDD)
- Four USB 3.0 & Two USB 2.0 Ports
- Intel® SGX & Intel® AES-NI Data Protection
- Energy Efficient, Low Power Consumption
- Support Windows 10 & Linux, Firewalls etc.
- Perfect for Industrial Automation, Firewall, Security, Manufacturing Process, Displays, Stations and Training Applications etc.



Specifications

Processor

Intel® Core™ i5-1135G7 Processor
4 Core, 8 Threads
8 MB Intel® Smart Cache, up to 4.20 GHz

Memory

Support up to 64GB
SODIMM DDR4 2133/2400MHz
non-ECC Memory
Two Memory Slots

Storage

Support 1 x mSATA SSD
Support 1 x 2.5" SATA SSD/HDD

Display

Dual HD Display (HDMI & VGA)
Intel® HD Graphics
Support DirectX 12 OpenGL 4.5
Support 4K

Expansion Slots

1 x mSATA (For SSD)
1 x Full Size mini PCIe (For WiFi/4G)
1 x 2.5" SATA Slot (For 2.5" SSD/HDD)

Front I/O Interfaces

6 x Intel i211-AT Gigabit LAN (Support Network Wake-up/PXE)
1 x RS232 DB9 COM
1 x Cisco Standard RJ45 Console
1 x HDMI
1 x VGA
4 x USB 3.0
1 x 12V DC-In
1 x Audio In & Out (ALC662 6-Channel HD)
2 x Antenna Ports

Rear I/O Interfaces

2 x USB 2.0
1 x SIM Slot
1 x 12pin 4 Way In/Out GPIO Phoenix Terminal
1 x Reset Switch
1 x Power Switch
1 x HDD LED, 1 x Power LED
1 x AC Loss Power on Switch

OS

Support Windows 10
Support Linux, Firewall

CPU Advanced Technologies

Intel® Speed Shift Technology
Intel® Hyper-Threading Technology
Intel® Virtualization Technology (VT-x)
Intel® Virtualization Technology for Directed I/O (VT-d)
Intel® VT-x with Extended Page Tables (EPT)

Onboard I/O

1 x mSATA Slot
1 x Full-size Mini PCIe Slot
1 x 2.5" SATA Slot
2 x SODIMM DDR4
1 x USB2.0 Port
1 x 4pin ATX Power In
1 x 4pin CPU Fan Interface

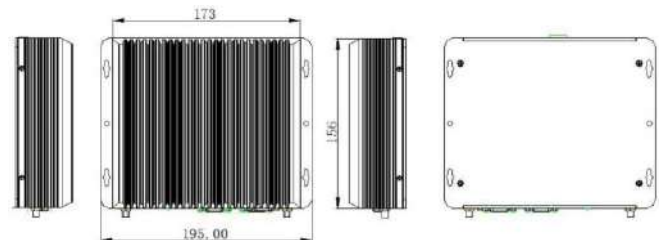
Power & Working Environment

Power Type: External Power Adapter
Power Adapter Input: AC 100-240V ~ 50-60Hz
Power Adapter Output: DC 12V 5A
System Power Input: DC 12V
Operating Temperature: -10°C ~ 30°C
Storage Temperature: -20°C ~ 70°C
Relative Humidity: 5% - 95% relative humidity (non-condensing)
Vibration: 0.5g rms/5-500Hz/random/operating

Others

BIOS: 64Mb Flash ROM
Watchdog: Support (L256 Segments, 0~255 Sec)
Weight: 2KG
Cooling: Aluminium Alloy FANLESS, Silent
Dimensions: 173mm*156mm*57mm

Dimensions



173mm x 156mm x 57mm (L*W*H)

Package

MODEL # MNHO-089

- 1 x Mini PC
- 1 x Power Adapter
- 1 x Power Cord

Optional

WiFi/4G LTE

802.11 AX Wi-Fi 6 (up to 2.4 Gbps)
802.11 b/g/n/AC Wi-Fi (up to 867 Mbps)
802.11 AC USB Wi-Fi (up to 650 Mbps)
4G (up to 150 Mbps)
4GB/8GB/16GB/32GB DDR4 Memory
16GB/32GB/64GB/120GB/240GB/500GB mSATA
SSD 500GB/1TB/2TB 2.5-Inch HDD
120GB/240GB/480GB/1TB 2.5-Inch SSD

Memory
mSATA SSD
2.5" HDD
2.5" SSD