MNHO-083

7th Gen. Intel® i7-7700T 2 LAN ASUS HD Slim Fanless Mini PC

🔗 https://www.pondesk.com/product/MNHO-083

Features

- Passively Cooled Dustproof Silent Fanless Mini Desktop
- Ultra-slim Extremely Flat with a Height of Just 37mm
- 7th Generation Intel® Core™ i7-7700T Kaby Lake Processor
- 3.80GHz, Quad Core, 8 Threads, 8 MB SmartCache
- ASUS Mini ITX Motherboard with 5X Protection II for Dependable Stability
- Dual Display HDMI and DisplayPort
- Support 4K Ultra HD Disply
- Integrated Intel® HD Graphics 630
- Intel® AES Data Protection
- Dual Gigabit Ethernet
- Support up to 32GB SODIMM DDR4 Memory (optional)
- Support M.2 High-Speed Storage
- 4x USB 3.1 Gen 1 Ports
- Support 802.11 b/g/n/AC WiFi & Bluetooth (optional)
- Multiple Operating System Support Windows & Linux
- Easy Installation & VESA Mount Capability
- Fully Upgradable System
- Energy-saving, Low Power Consumption 18W @ idle
- Ideal for Home, Office, School, Business, Media Center and Education etc.
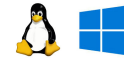
Specifications

Processor
Intel® Core™ Processor i7-7700T
4 Core, 8 Threads
8 MB SmartCache, 3.80 GHz

Memory
Support up to 32GB
SODIMM DDR4 2133/2400MHz
non-ECC Memory
Two Memory Slot

Storage
Support 1 x M.2 Socket 3, M Key
2242/2260 Storage

LAN
Two Gigabit Ethernet Ports
1 x Intel® Gigabit Ethernet I219-V
1 x Realtek® Gigabit Ethernet
RTL8111H

Expansion Slots
1 x M.2 Socket with M key, type
2242/2260 (For Storage)
1 x M.2 E key type 2230 (For
WiFi)

I/O Interfaces
2 x Gigabit Ethernet
1 x HDMI, 1 x DisplayPort
4 x USB 3.1 Gen 1
Realtek® ALC887 7.1-Channel HD
Audio (Mic In & Line Out)
DC 12V Input

Graphics
Intel® HD Graphics 630
DisplayPort Resolution Max.
4096 x 2304 @ 60Hz
Intel® Quick Sync Video
Intel® Clear Video HD
Technology
Intel® Clear Video Technology

OS
Support Windows 7/8/10
Support Linux

Advanced Technologies
Intel® vPro™ 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)
Intel® TSX-NI
Enhanced Intel SpeedStep®
Technology
Thermal Monitoring Technologies
Intel® Identity Protection
Technology

Security & Reliability
Intel® AES New Instructions
Secure Key

Onboard I/O
3 x USB 2.0 Connector
1 x COM Port
2 x SATA 6Gb/s Connector
1 x SATA Power Connector
1 x CPU Fan Connector
1 x Chassis Fan Connector
1 x Front Panel Audio Connector
1 x Chassis Intrusion Connector
1 x Clear CMOS Jumper
1 x 2-pin Internal DC Connector
1 x Stereo Speaker Connector
1 x DMIC Header
1 x Backlight Inverter Voltage
Selection Header
1 x FPD Brightness Header
1 x Panel Voltage Selection Header
1 x Panel off Header
1 x LVDS Connector
1 x 14-1 pin TPM Connector
1 x System Panel Connector
1 x M.2 Socket 3 with M key, Type
2242/2260 (Support Both SATA &
PCIE Mode)
1 x M.2 Socket 1 with E key, Type
2230 (For Wi-Fi/BT, Support PCIE/
USB Mode)

Cooling
Completely Fanless Heatpipe
Solution
Four CPU Copper Heatpipe
One Chipset Copper Heatpipe
Dual Aluminium Heatsink Blocks
Recommended TDP 35W
Processor
-10°C ~ 30°C Operating
Temperature
(It is only recommended when
the system is placed in a
adequate air flow location and
ambient room temperature)

Power & Working Environment
Adapter Input: AC 100-240V ~
50-60Hz
Adapter Output: DC 12V 5A
System Input: DC 12V
Consumption:
Approx. 18W @ Idle
Approx. 30W @ Normal
Approx. 55W @ Full Load/Peak
Operating Temperature: -10°C ~
30°C
Storage Temperature: -20°C ~
70°C
Humidity: 5% - 95% Non-
Condensing

Others
BIOS: AMI
Support Hardware Reset
Function (L256, 0~255 seconds)
Chassis Material: Aluminium
Alloy
Motherboard: Support Mini ITX
(17*17cm)

Dimensions
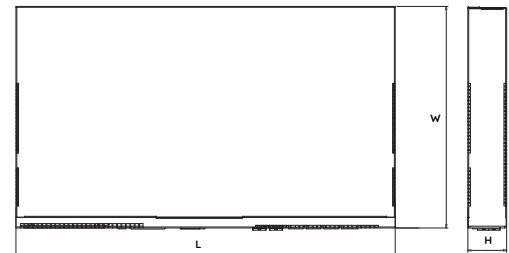
308mm x 191mm x 37mm (L*W*H)

Package

MODEL # MNHO-083
P/N: MO83I777TFLMP2L

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

Optional

WiFi & Bluetooth 802.11 AC WiFi (M.2 Module)
Memory 4GB/8GB/16GB/32GB DDR4 Memory
M.2 SSD 64GB/128GB/256GB M.2 SSD

CE

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