

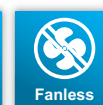
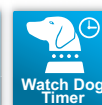
AES-HM76Z1FL

Fanless and Ultra Slim Intel HM76 Embedded System



Features

- Fanless and ultra slim design
- Support Intel Ivy Bridge CPU with HM76 chipset
- 2 x DDR3 SO-DIMM, up to 16GB
- Support SATA III and CF storage
- HDMI/VGA/USB/Audio/GPIO output interface
- Serial ports by RS-232 and RS-422/485
- 2 x GbE, 1 x SIM, and 1 x MiniPCle(for 3G/WiFi)



Specification

System

CPU	Intel Core i7 3517UE 1.7GHz
	Intel Core i3 3217UE 1.6GHz
	Intel Celeron Processor 1047UE 1.4GHz
	Intel Celeron Processor 927UE 1.5GHz

Chipset Intel HM76

Memory 2 x 204-pin SO-DIMM sockets support 1333/1600MHz DDR3 up to 16GB

BIOS AMI UEFI BIOS

Hardware Monitoring CPU voltage and temperature

WatchDog Timer Software programmable 1~255 sec.

Video

Graphic Controller Integrated within HM76

Video Interface

- 2 x HDMI (HDMI Type A connector)
- 1 x VGA (Combo connector)

Ethernet

Ethernet

- 2 x GbE (RJ45 with LED)
- Realtek RTL8111F

Storage

SATA 1 x SATA III port with SATA power connector

CF 1 x Compact Flash Type II socket

I/O

Expansion 1 x MiniPCle socket(For 3.5G/WiFi)

SIM 1 x SIM slot (SIM card changeable without opening case)

USB

- 3 x USB 3.0 (USB 3.0 Type A connector)
- 2 x USB 2.0 (1 for MiniPCle / 1 for Combo connector)

Serial Port

- 2 x RS-232 (DB9 connector)
- 2 x RS-422/485 (DB15 connector, shared with GPIO)

GPIO

- 8 x GPI (DB15 connector, shared with RS-422/485)
- 8 x GPO (DB15 connector, shared with RS-422/485)

Audio

- 1 x Line-Out (Combo connector)
- Realtek ALC662

Power Requirement

Power Supply 60W Power Adaptor (DC Jack)

Power Requirement 12VDC Single Voltage Input

Software

OS Support Windows 7(32/64bit), Windows 7 Embedded(32bit), Fedora 17(32/64bit), uBuntu 12.10(32/64bit)

Mechanical & Environment

Thermal Design Fanless (Heatsink)

Dimension 272 mm x 183 mm x 20 mm

Operating Temp. 0 ~ 45°C (32 ~ 113°F)

Storage Temp. -20 ~ 80°C (-4 ~ 176°F)

Relative Humidity 0 ~ 90%, non-condensing

Safety CE, FCC class A

Packing List

- 1 x AES-HM76Z1FL
- 1 x Quick Manual
- 1 x Utility CD
- 1 x Combo Cable
- 2 x GPIO Cable
- 1 x 60W Power Adapter
- 1 x Power Cord (Option for USA or Europe or Japan or UK)

Option

WiFi Module Kit WiFi module, RF cable, Antenna

3.5G Module Kit 3.5G module, RF cable, Antenna

Ordering Information

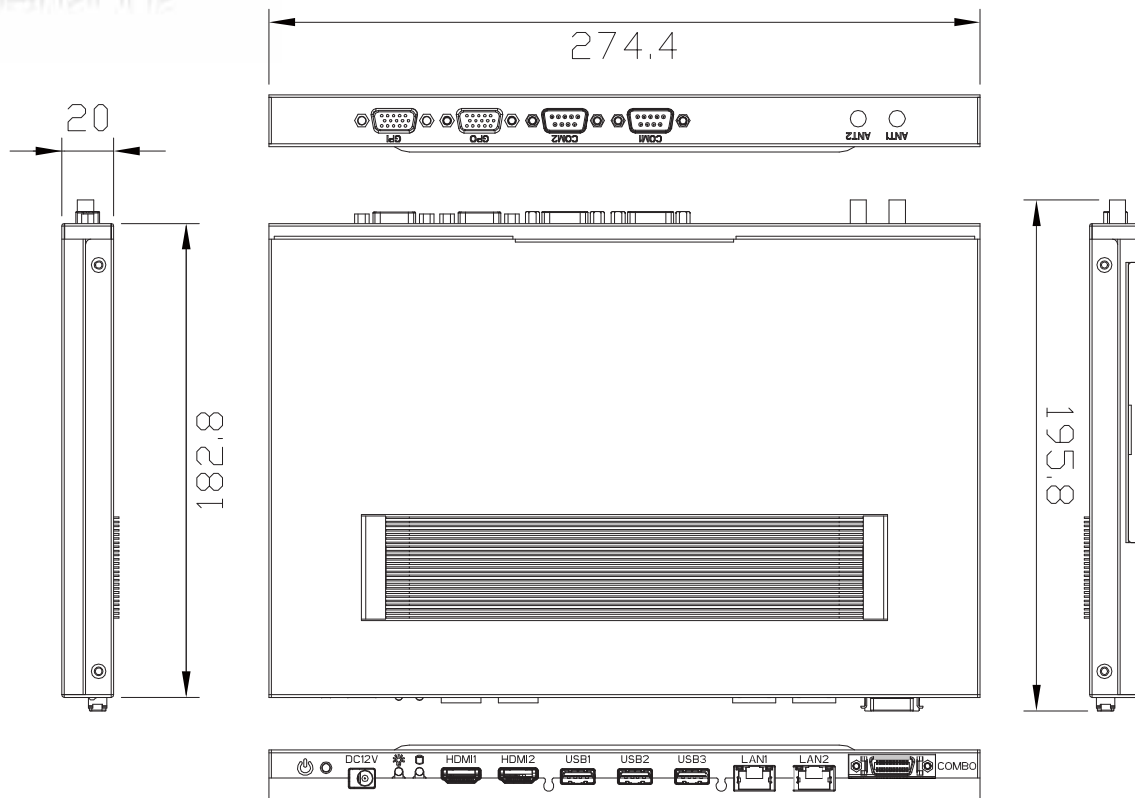
AES-HM76Z1FLi71 AES- HM76Z1FL with Intel Core i7 3517UE 1.7GHz

AES-HM76Z1FLi31 AES- HM76Z1FL with Intel Core i3 3217UE 1.6GHz

AES-HM76Z1FLCE1 AES- HM76Z1FL with Intel Celeron 1047UE 1.4GHz

AES-HM76Z1FLCE2 AES- HM76Z1FL with Intel Celeron 927UE 1.5GHz

Dimensions



I/O Connectors

