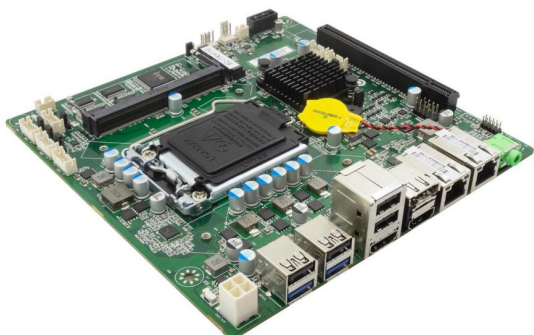


AIoT7-H110S

Standard tMini-ITX motherboard

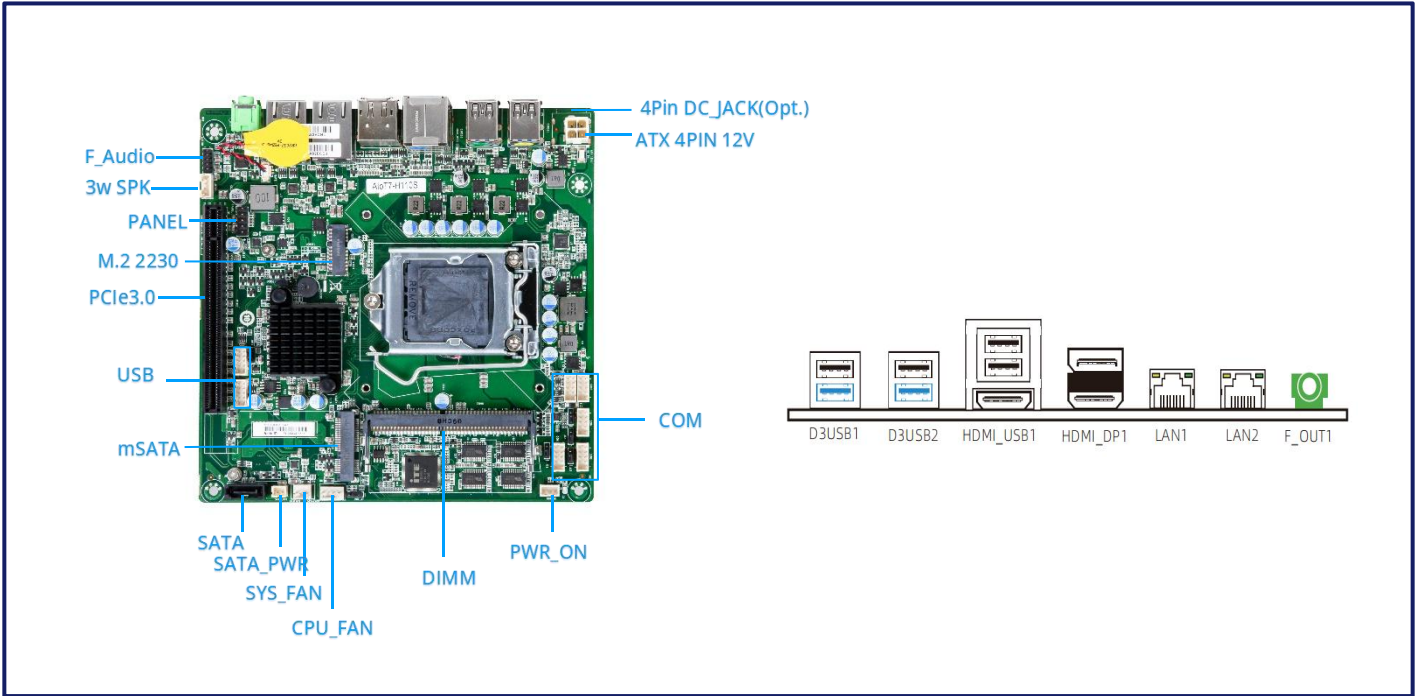


- Support LGA1151 package Gen6&7&8&9 i9/i7/i5/i3/G series CPU
- 1 DDR4 SODIMM memory slot support up to 16GB
- HDMI1+HDMI2+DP /2SATA/2GbE/10USB/4COM/PCIe x16
- Support Win7 x32, Win7 x64, Win10 x64, Ubuntu 18.04
- 1 PCIe x16, 1 M.22,230 supports WiFi
- 2 RJ 45 Gigabit Ethernet ports
- Single 12V power supply

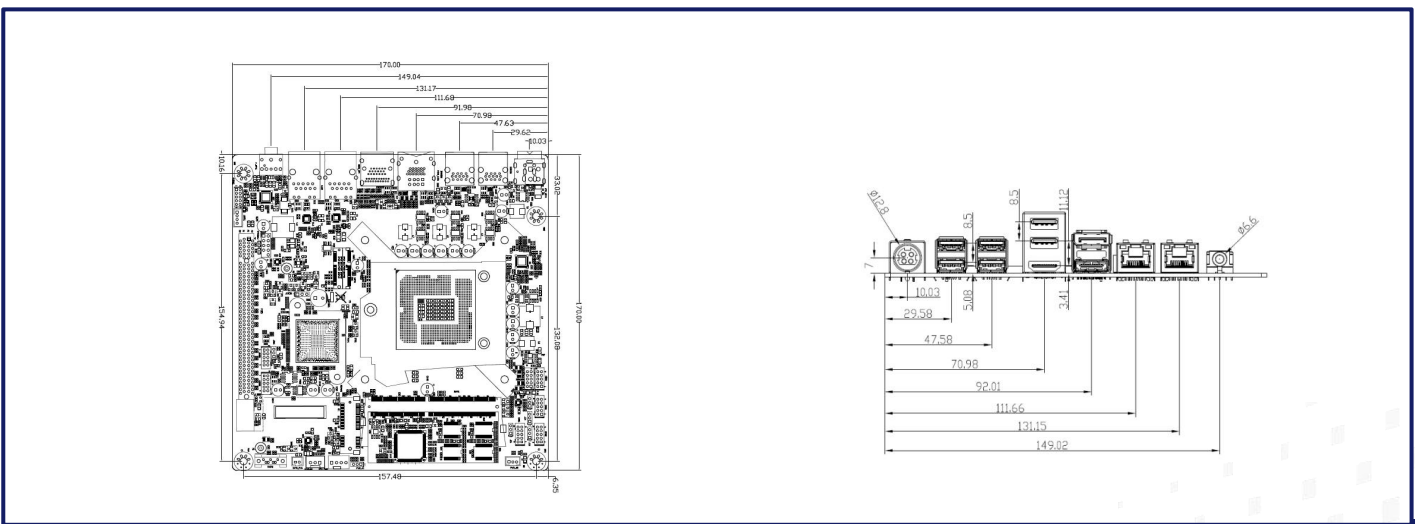
01 Specifications

CPU	Support LGA1151 package Gen6&7&8&9 i9/i7/i5/i3/G series CPU
Chipset	Intel ® H110 chipset
Memory	1 DDR4 SO-DIMM slot, max. 16GB Different CPU support DDR 4-2133 / 2400 / 2666
Display controller	Intel CPU Integrated display controller (depending on the assigned CPU)
Display interface	Three-display interface HDMI 1 + HDMI 2 + DP, support independent dual display
Storage	1 SATA3.0, 1 mSATA
Audio	Rear IO Mic-in + Line-out combo Jack Support chassis front panel audio, support amplifier audio output (4Pin wafer)
Network	2 RJ45 Gigabit Ethernet ports, RTL8111H
USB	6 rear IO USB (2 x USB 3.0 Type-A and 4 USB 2.0 Type-A) 4 internal USB (4 x USB 2.0 via header)
Parallel/I²C/SMBus	not have
Serial port	4 RS232 serial ports, COM1~COM4 support Pin 8 jumper to select RI signal or + 5v power supply
Keyboard & mouse	Non
Digital I/O	8-digit number I / O, providing power and ground, + 5V level
LPC/eSPI	Non
TPM interface	Non
Power supply	4 Pin single 12V power input (DIN or 4 Pin power socket), power switch pin holder
Expansion bus	1 PCIe 3.0 x 16, 1 M.2 2230 socket support WiFi module(no USB signal without BT support)
Operating temperature and humidity	0~60 °C, 10%~90%, no condensation
Non-operating temperature and humidity	-40~80 °C, 10%~90%, no condensation
Watch Dog	255 level programmable seconds / minutes, support timeout interruption or system reset
BIOS	AMI UEFI BIOS
Operating System	Win7 x64, Win10 x64, Ubuntu 18.04, Fedora Core 28
PCB dimensions (L*W)	170mm*170mm

02 Product view



03 Dimensions



04 Product Selection

Product model	Chipset	Memory	Display	Storage	USB3	USB2	COM	LAN	SSD	PCIe
AIOT7-H110S	H110	1	3(2)	1SATA	2	8	4	2	mSATA	1