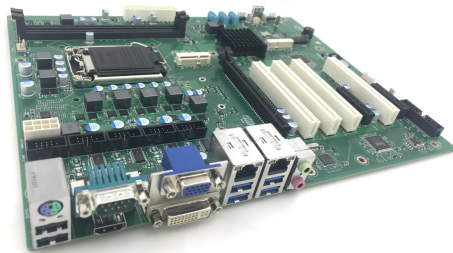


AIoT9-H110UP

Standard Micro ATX Industrial Motherboard

With abundant external interfaces, AIoT9-H110UP supports high-performance Intel Gen 6, 7, 8, and 9 CPUs, and can be widely applied in machine vision automatic production and testing, integrated security management system, integrated traffic management system, call center system, command and dispatch centers for various industries, workstations, insurance, securities and the recording and monitoring system used in other industries.

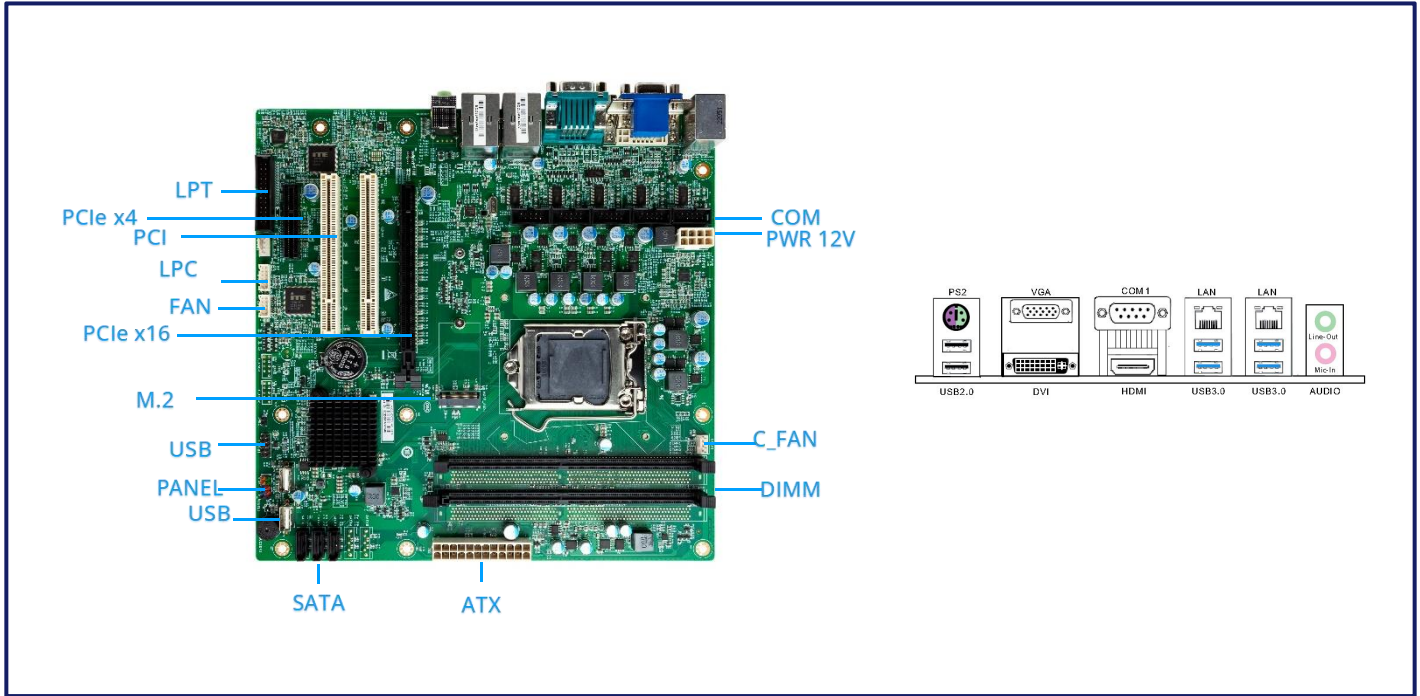


- Supports LGA1151 packaging for Gen6&7&8&9 i9/i7/i5/i3/G series CPUs
- Two DDR4 DIMM memory slots, supporting up to 32GB.
- DVI-D+VGA+HDMI/3SATA/2GbE/9USB/6COM/2PCI/2PCIe
- Using high Tg grade PCB boards to ensure wide temperature stability
- Industrial grade IO protection device, blocking ESD and surges, ensuring system stability and reliability
- Optimized interface and expansion layout effectively avoid interference and facilitate expansion for industry users

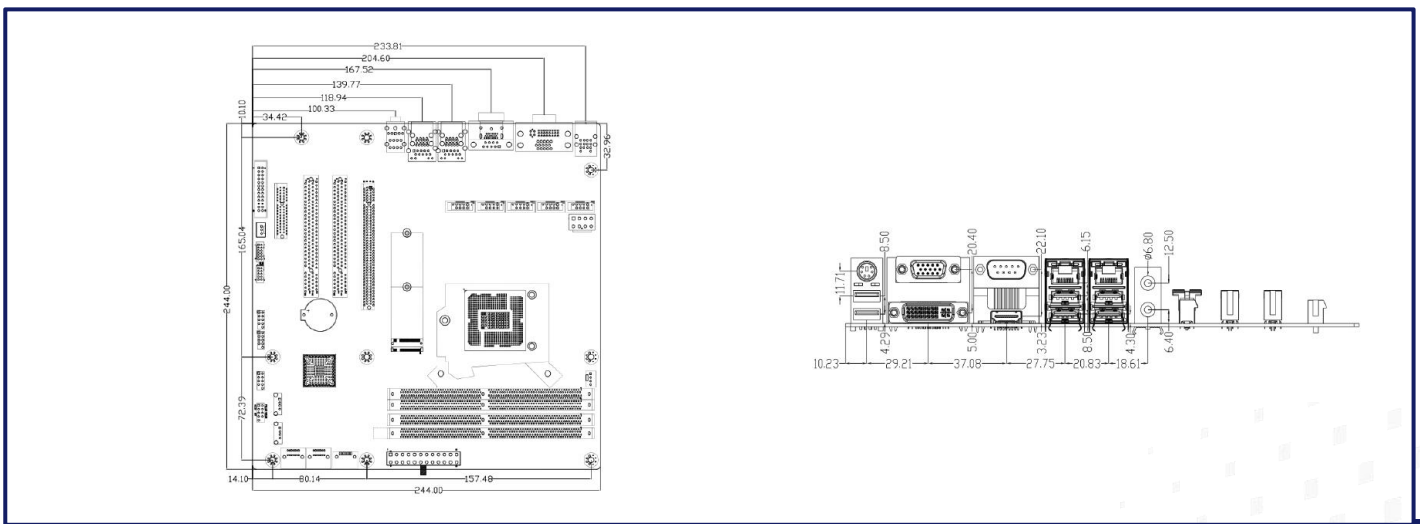
01 Specifications

CPU	Support LGA1151 packaging for Gen6&7&8&9 i9/i7/i5/i3/G series CPUs
Chipset	Intel® H110 chipset
Memory	2 * 288PIN DDR4 DIMM memory slot, supports up to 64GB (a single memory slot of 32GB)
Display controller	Intel CPU integrated display controller (depending on CPU)
Display interface	Three display output DVI-D+VGA+HDMI, supports independent dual display
Storage	3 *SATA3.0, and 1 *M.2 SSD (mSATA optional)
Audio	Realtek ALC897, supports Mic-in and Spk-out
Network	AIoT9-H110UP-1, LAN1: i219V, LAN2: RTL8111H AIoT9-H110UP-2, LAN1: i219V, LAN2: Intel i225V
USB	6 rear IO USB (4 x USB 3.0 Type-A and 2 USB 2.0 Type-A) 3 internal USB (2 x USB 2.0 via header, 1 x USB 2.0 Type-A)
Parallel port	1 * parallel port
Serial port	COM1 supports RS232/422/485, and COM2-6 support RS232
Keyboard & mouse	1 PS/2 Keyboard & mouse via 2-in-1 connector on the rear IO
Digital I/O	8-digit I / O, providing power and ground, + 5V level
LPC	1 * LPC local bus interface
TPM interface	Supports for a secure chip interface
Power supply	ATX power source, supports ATX/AT On/Off mode
Expansion bus	1 PCIe3.0 x16, 1 PCIe2.0 x4 , 2 PCI (32 bits),
Operating temperature and humidity	0 - 60°C, 5%- 95% with no condensation
Non-operating temperature and humidity	-40 - 80°C, 5%- 95% with no condensation
Watch Dog	255-level programmable in the mode of seconds/minutes, supports timeout interrupt or system reset
BIOS	AMI UEFI BIOS
Operating System	Win7/Win10/WES7/Linux , 32bit/64bit
PCB dimensions (L*W)	244mm * 244 mm

02 Product view



03 Dimensions



04 Product Selection

Product model	Chipset	Memory	Display	Storage	USB3	USB2	COM	LAN	PCI	PCIe
AloT9-H110UP-1	H110	2DIMM	3(2)	3SATA	4	6	6	2	2PCI	2PCIe
AloT9-H110UP-2	H110	2DIMM	3(2)	3SATA	4	6	6	2	2PCI	2PCIe