

# ARES-H311

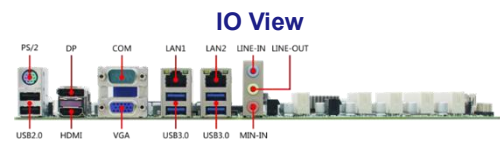
## ATX Industrial Motherboard Intel® 8th/9th Coffee Lake LGA1151 Socket Processor

### Features

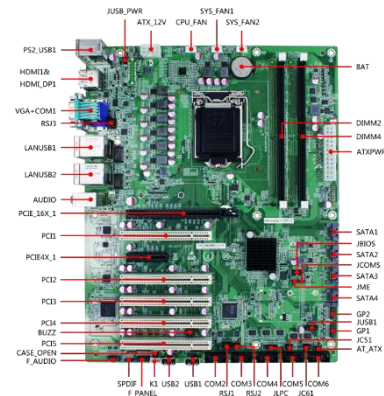
- ◆ Intel® 8th/9th Coffee Lake CPU
- ◆ Intel H310 Chipset
- ◆ 2\*GbE
- ◆ 6\*COM, 12\*USB
- ◆ 1\*PCIe-X16, 1\*PCIe-X4, 5\*PCI

### Specifications

<b>CPU</b>	8th/9th Gen. Intel® Core™ LGA 1151 socket Processor
<b>CHIPSET</b>	Intel® H310 Chipset
<b>MEMORY</b>	2*DDR4 2666 MHz SO-DIMM, up to 128GB
<b>BIOS</b>	SPI AMI EFI bios
<b>DISPLAY</b>	1*VGA up to 1920*1200@60Hz
	1*HDMI up to 4096*2160@60Hz
	1*DP up to 4096*2160@60Hz
<b>LAN</b>	2*RJ45①
<b>AUDIO</b>	3*Audio Jack (1*LINE-IN+1*LINE-OUT+1*MIC-IN)
	1*F_Audio pin header
	1*SPDIF pin header
<b>SATA</b>	4*SATA3.0
<b>COM</b>	6*RS232 COM ②
<b>Other</b>	4*USB3.0, 6*USB2.0
	16*GPIO
	1*PCIe-X16
	1*PCIe-X4
	5*PCI
<b>Power</b>	1*PS/2
	ATX 24+8PIN
<b>DIMENSIONS</b>	306*244*1.6mm
<b>OS</b>	WIN10
	Unix/Linux
<b>ENVIRONMENTAL</b>	Operation Temperature: -10~+60°C
	Storage Temperature: -20~+70°C
	Relative Humidity: 5~95%RH non- condensing



IO View

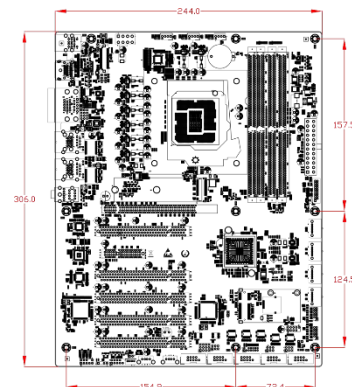


Top View

Bottom View



### Dimensions



### Remark

- ① Intel® i219LM Gb LAN x 1
- Intel® i210AT Gb LAN x 1
- ② COM1/2 support RS232/RS485
- COM5/6 Pin9 supports 5V/12V/RI optional