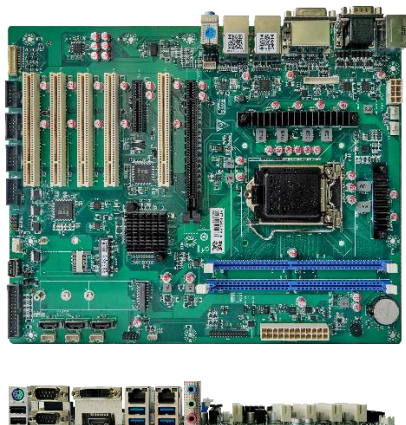
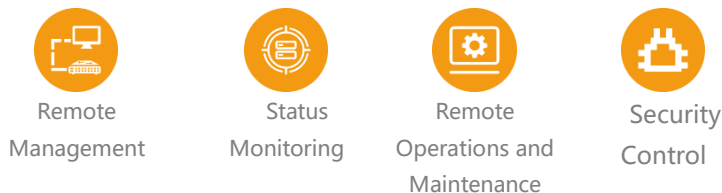


ATT-H31C



Features:

- Supports Intel® 6th to 9th Gen Core/ Pentium/ Celeron processors, TDP=65W
- Equipped with Intel® H310C chipset
- 2 (Non-ECC) DDR4-2666MHz memory slots, supporting up to 64GB
- Onboard 2 Intel Gigabit network cards
- Default 2 RS232/422/485 and 4 RS232 serial ports
- Onboard 4 USB3.2 and 5 USB2.0 ports
- HDMI, DVI, VGA, and eDP display interfaces, supporting up to 4K@30Hz resolution
- 1 PCIe x16, 1 PCIe x4, and 5 PCI slots

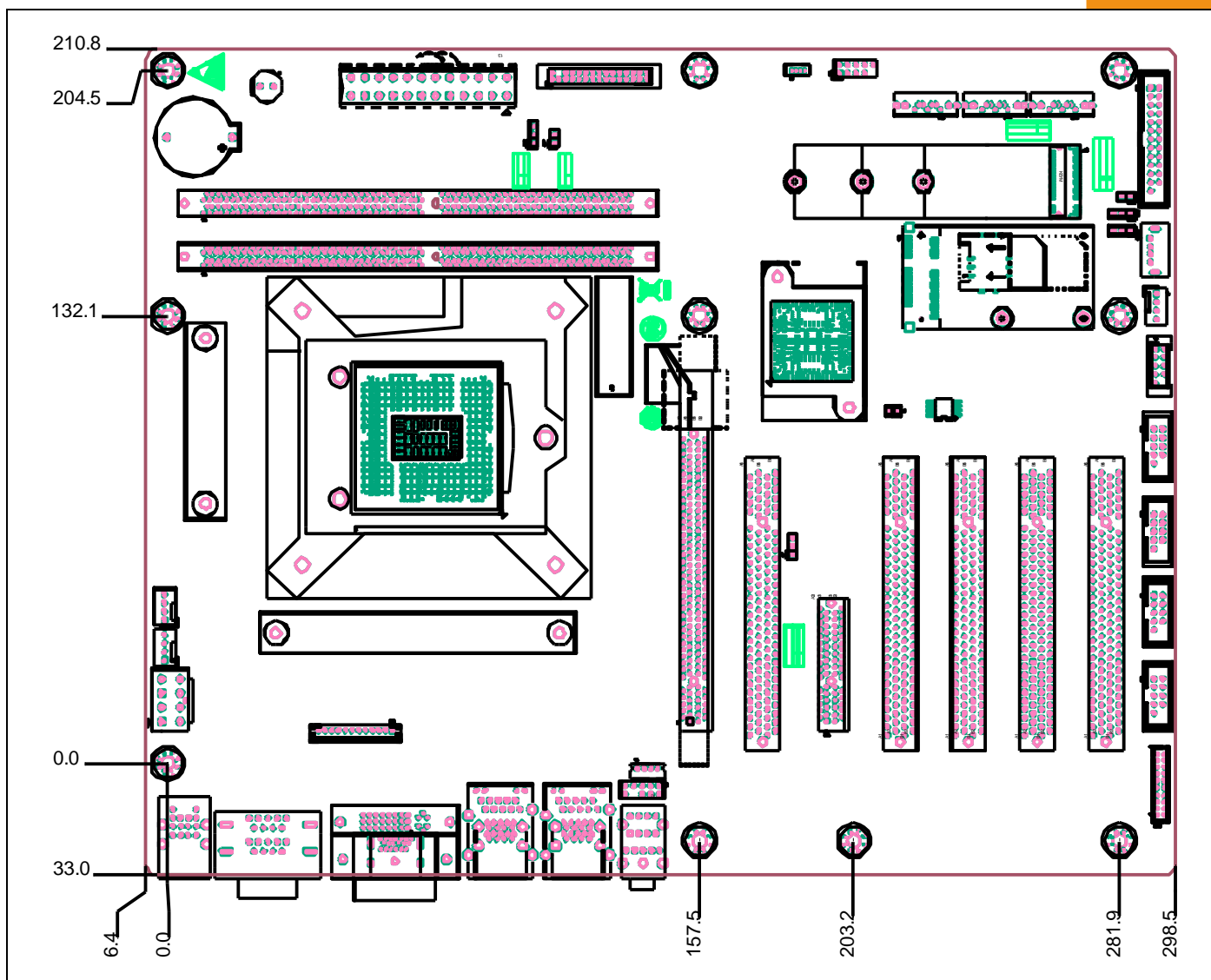


Product Specifications

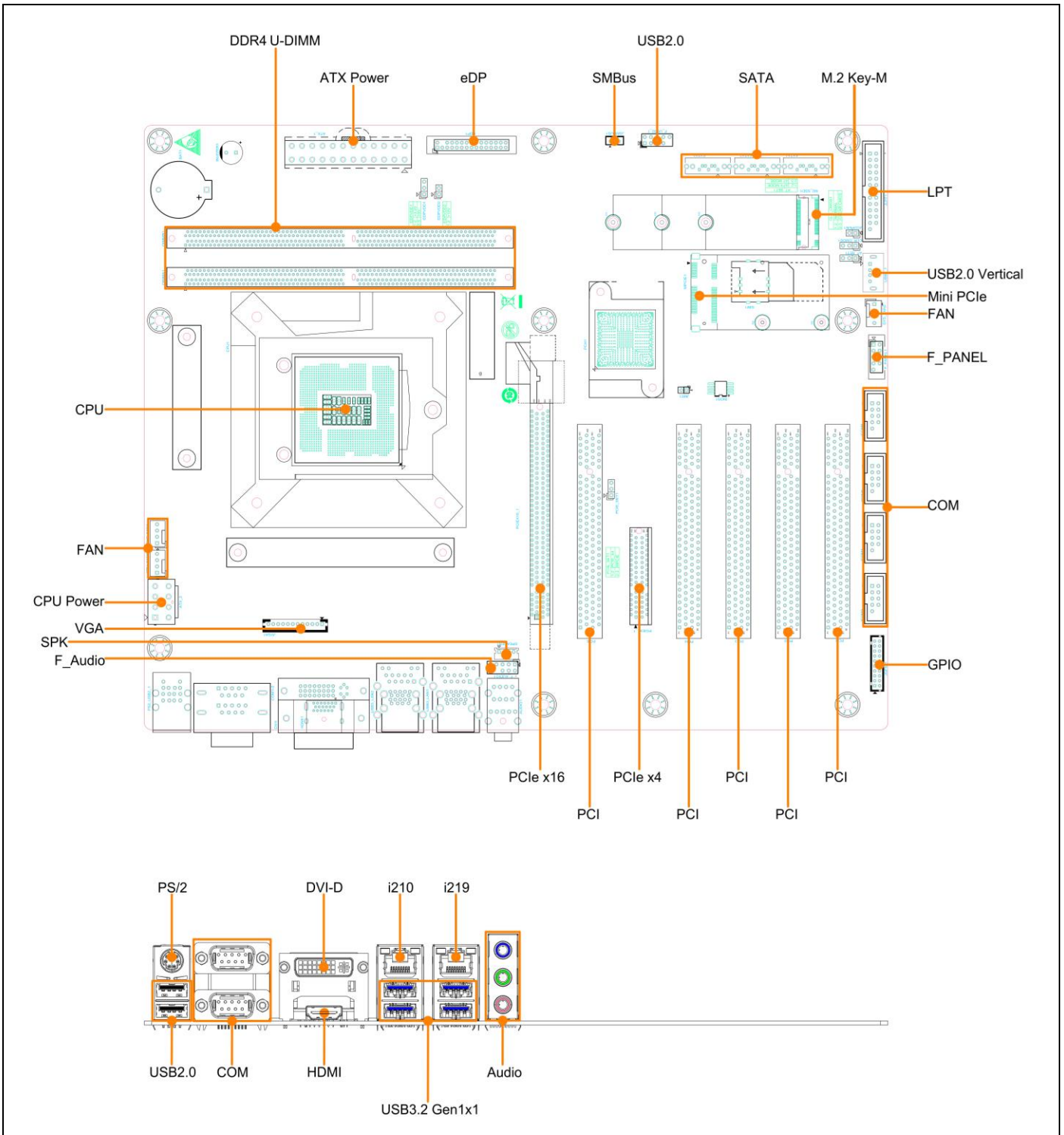
Model	ATT-H31C		
Processor System	CPU	Support Intel® 6/7/8/9th Generation Core / Pentium/ Celeron Desktop CPU	
	TDP	65W	
	Socket	LGA1151	
	Chipset	H310C	
	BIOS	AMI 256 Mbit SPI	
Memory	Socket	2 * Non-ECC U-DIMM Slot, Dual Channel DDR4 up to 2666MHz	
	Capacity	64GB, Single Max. 32GB	
Graphics	Controller	Intel® HD Graphics	
Ethernet	Controller	1 * Intel i210-AT GbE LAN Chip (10/100/1000 Mbps) 1 * Intel i219-LM/V GbE LAN Chip (10/100/1000 Mbps)	
	SATA	3 * SATA3.0 7P Connector, up to 600MB/s	
Storage	M.2	1 * M.2 Key-M (SATA3.0, 2242/2260/2280)	
	PCIe slot	1 * PCIe x16 slot (Gen 3, x16 signal) 1 * PCIe x4 slot (Gen 2, x4 signal, Default, co-lay with Mini PCIe)	
		PCI	5 * PCI slot
Expansion Slots	Mini PCIe	1 * Mini PCIe (PCIe x1 Gen 2 + USB2.0 (Opt., co-lay with PCIe x4 slot), with 1 * SIM Card)	
	Rear I/O	Ethernet	2 * RJ45
		USB	4 * USB3.2 Gen 1x1 (Type-A, 5Gbps, Each group of two ports Max. 3A, one port Max. 2.5A) 2 * USB2.0 (Type-A, Each group of two ports Max. 3A, one port Max. 2.5A)
		PS/2	1 * PS/2 (Keyboard & Mouse)
		Display	1 * DVI-D: max resolution up to 1920*1200 @ 60Hz 1 * HDMI1.4: max resolution up to 3840*2160 @ 30Hz
Audio		3 * 3.5mm Jack (Line-out + Line-in + MIC)	
Internal I/O	Serial	2 * RS232/422/485 (COM1/2, DB9/M, Full Lanes, BIOS Switch)	
	USB	1 * USB2.0 (Vertical Type-A) 2 * USB2.0 (Header)	
	Display	1 * VGA: max resolution up to 1920*1200 @ 60Hz (wafer) 1 * eDP: max resolution up to 1920*1200 @ 60Hz (Header)	

	Audio	1 * Front Audio (Line-Out + MIC, Header) 1 * Speaker (3W (per channel) into a 4Ω Loads, wafer)
	Serial	4 * RS232 (COM3/4/5/6, Header, Full Lanes)
	GPIO	1 * 16 bits DIO (8xDI and 8xDO, wafer)
	LPT	1 * LPT (Header)
	SMBus	1 * SMBus (wafer)
	SATA	3 * SATA3.0 7P Connector
	FAN	1 * CPU FAN (Header) 2 * SYS FAN (Header)
	Front Panel	1 * Front Panel (Header)
Power Supply	Type	ATX
	Connector	1 * 8P 12V Power (Header) 1 * 24P Power (Header)
OS Support	Windows	6/7th Core™: Windows 7/10/11 8/9th Core™: Windows 10/11
	Linux	Linux
Watchdog	Output	System Reset
	Interval	Programmable 1 ~ 255 sec
Mechanical	Dimensions	304.8 x 243.8 mm (12" x 9.6")
Environment	Operating Temperature	-20 ~ 60°C (Industrial SSD)
	Storage Temperature	-40 ~ 80°C (Industrial SSD)
	Relative Humidity	10 to 95% RH (non-condensing)

Product Dimensions



Product I/O



功能框图

