

特点:

- 支持 Intel® 10/11th Gen Core/ Pentium/ Celeron 处理器, TDP=125W
- 搭配 Intel® Q470 芯片组
- 四个(Non-ECC) DDR4-2933MHz 内存插槽, 最高支持 128G
- 板载 2 个 Intel 千兆网卡
- 默认 2 个 RS232/422/485 和 4 个 RS232 串口
- 板载 6 个 USB3.2 和 6 个 USB2.0
- HDMI、DP、VGA 和 eDP 显示接口, 最高支持 4K@60Hz 分辨率
- 2 个 PCIe x16、3 个 PCIe x4 和 2 个 PCI 插槽



远程管理



状态监控



远程运维



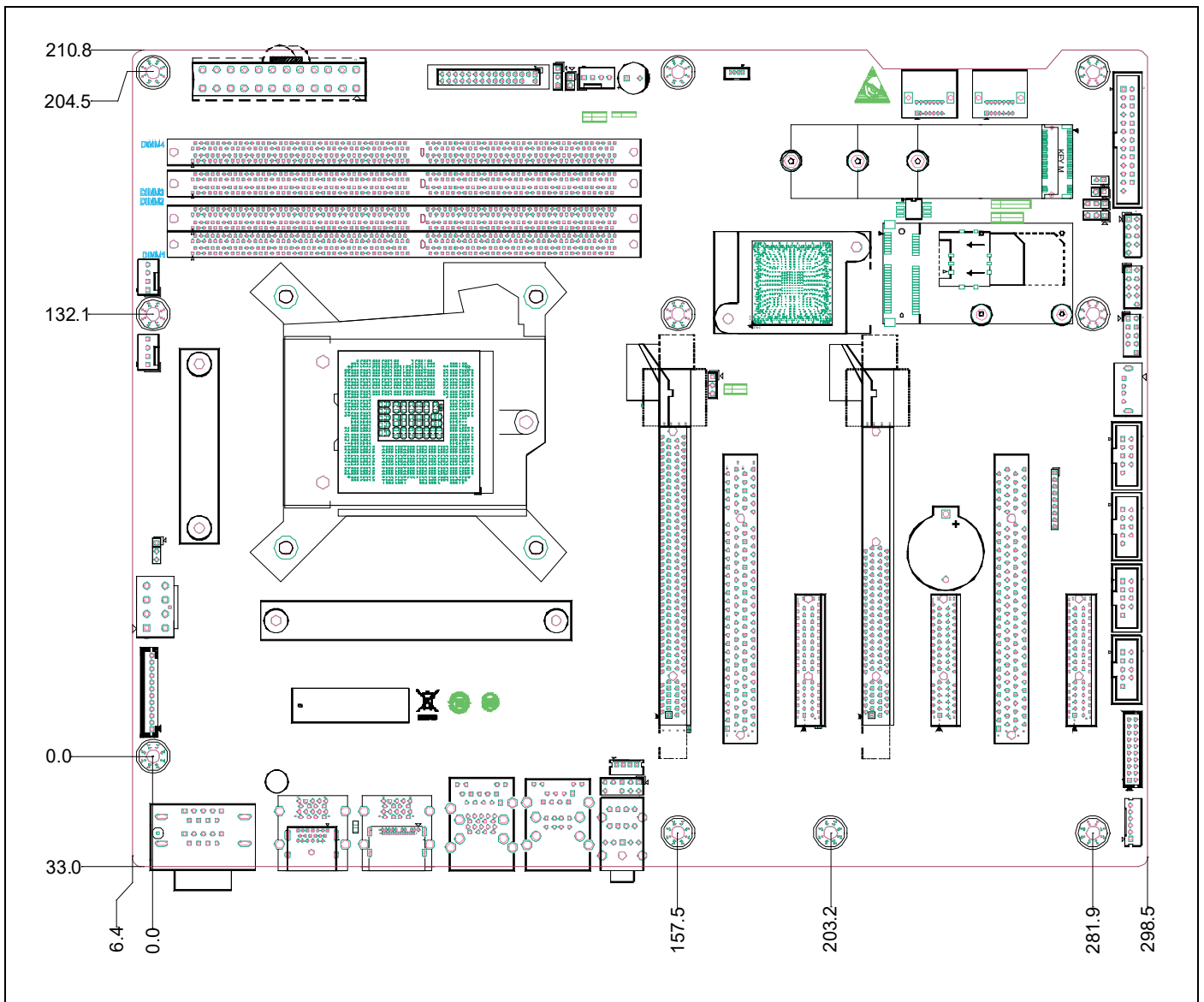
安全控制

产品规格

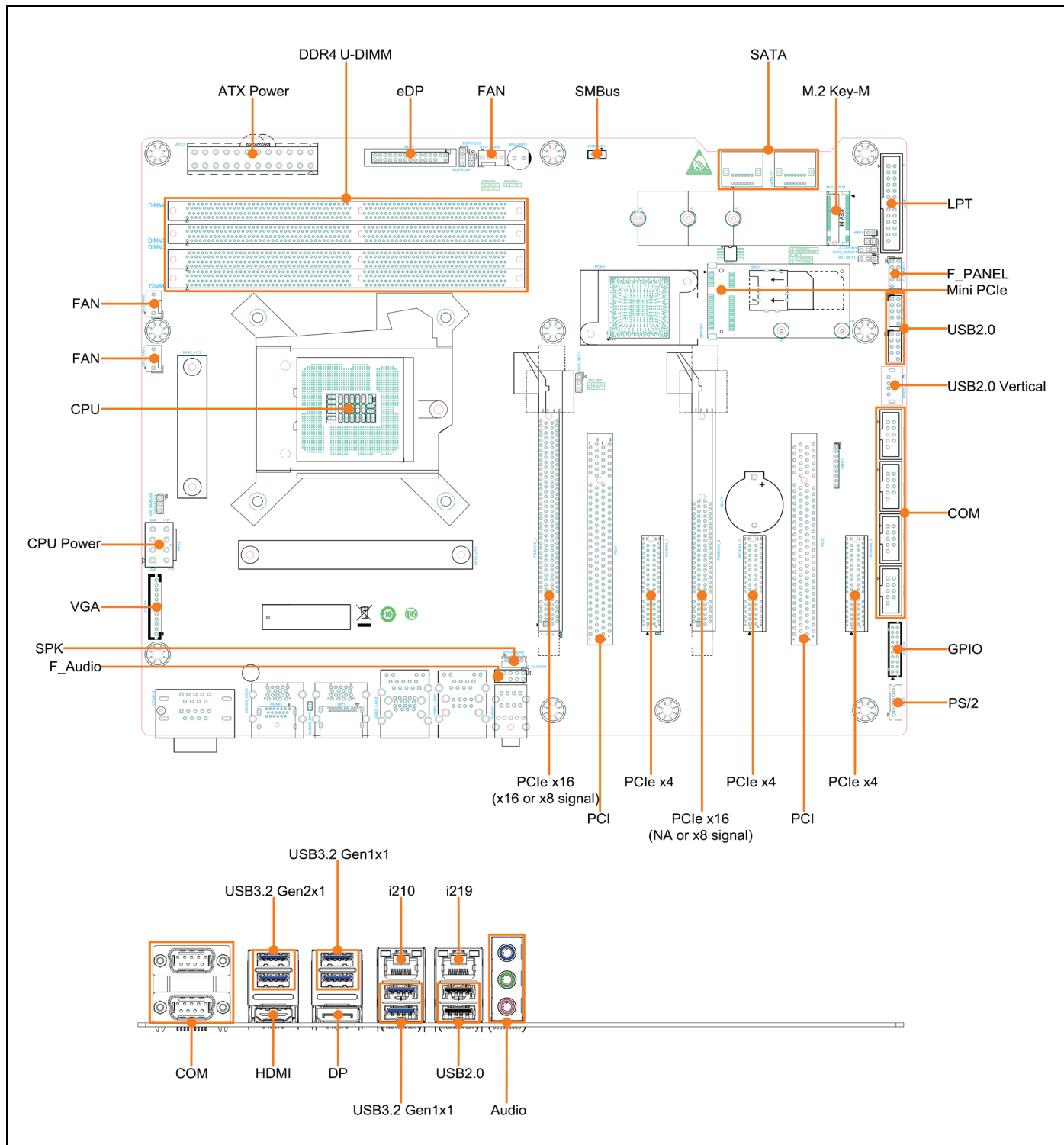
Model	ATT-Q470	
Processor System	CPU	Support Intel® 10/11th Generation Core / Pentium/ Celeron Desktop CPU
	TDP	125W
	Socket	LGA1200
	Chipset	Q470
	BIOS	AMI 256 Mbit SPI
Memory	Socket	4 * Non-ECC U-DIMM Slot, Dual Channel DDR4 up to 2933MHz
	Capacity	128GB, Single Max. 32GB
Graphics	Controller	Intel® UHD 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	4 * SATA3.0 7P Connector, up to 600MB/s, Support RAID 0, 1, 5, 10
Storage	M.2	1 * M.2 Key-M (PCIe x4 Gen 3 + SATA3.0, NVMe/SATA SSD Auto Detect, 2242/2260/2280)
	PCIe slot	2 * PCIe x16 slot (Gen 3, x16 /NA signal or Gen 3, x8 /x8 signal) 3 * PCIe x4 slot (Gen 3, x4 signal)
Expansion Slots	PCI	2 * PCI slot
	Mini PCIe	1 * Mini PCIe (PCIe x1 Gen 3 + USB 2.0, with 1 * SIM Card)
	Ethernet	2 * RJ45
Rear I/O	USB	2 * USB3.2 Gen 2x1 (Type-A, 10Gbps, Each group of two ports Max. 3A, one port Max. 2.5A) 4 * USB3.2 Gen 1x1 (Type-A, 5Gbps, Each group of two ports Max. 3A, one port Max. 2.5A) 2 * USB 2.0 (Type-A)
	Display	1 * DP1.4: max resolution up to 3840*2160 @ 60Hz 1 * HDMI1.4: max resolution up to 3840*2160 @ 30Hz
	Audio	3 * 3.5mm Jack (Line-out + Line-in + MIC)
	Serial	2 * RS232/422/485 (COM1/2, DB9/M, Full Lanes, BIOS Switch)
	Internal I/O	USB
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)
PS/2		1 * PS/2 (Keyboard & Mouse, wafer)
LPT		1 * LPT (Header)
SMBus		1 * SMBus (wafer)

	SATA	4 * 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	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)

产品尺寸



产品 I/O



功能框图

