



Features:

- Supports Intel® 10/11th Generation Core/Pentium/Celeron Desktop CPU
- Full mold casting, standard 19-inch 2U rack-mount chassis
- Installs standard ATX motherboard, supports standard 2U power supply
- Supports up to 7 slots for half-height card expansion, meeting the needs of multiple industry applications
- User-friendly design with front-mounted system fans that require no tools for maintenance
- Option for up to four 3.5-inch shock and impact-resistant hard drive slots
- Front panel USB, power switch design, power and storage status display for easier system maintenance



Remote Management



Status Monitoring



Remote Operations and Maintenance



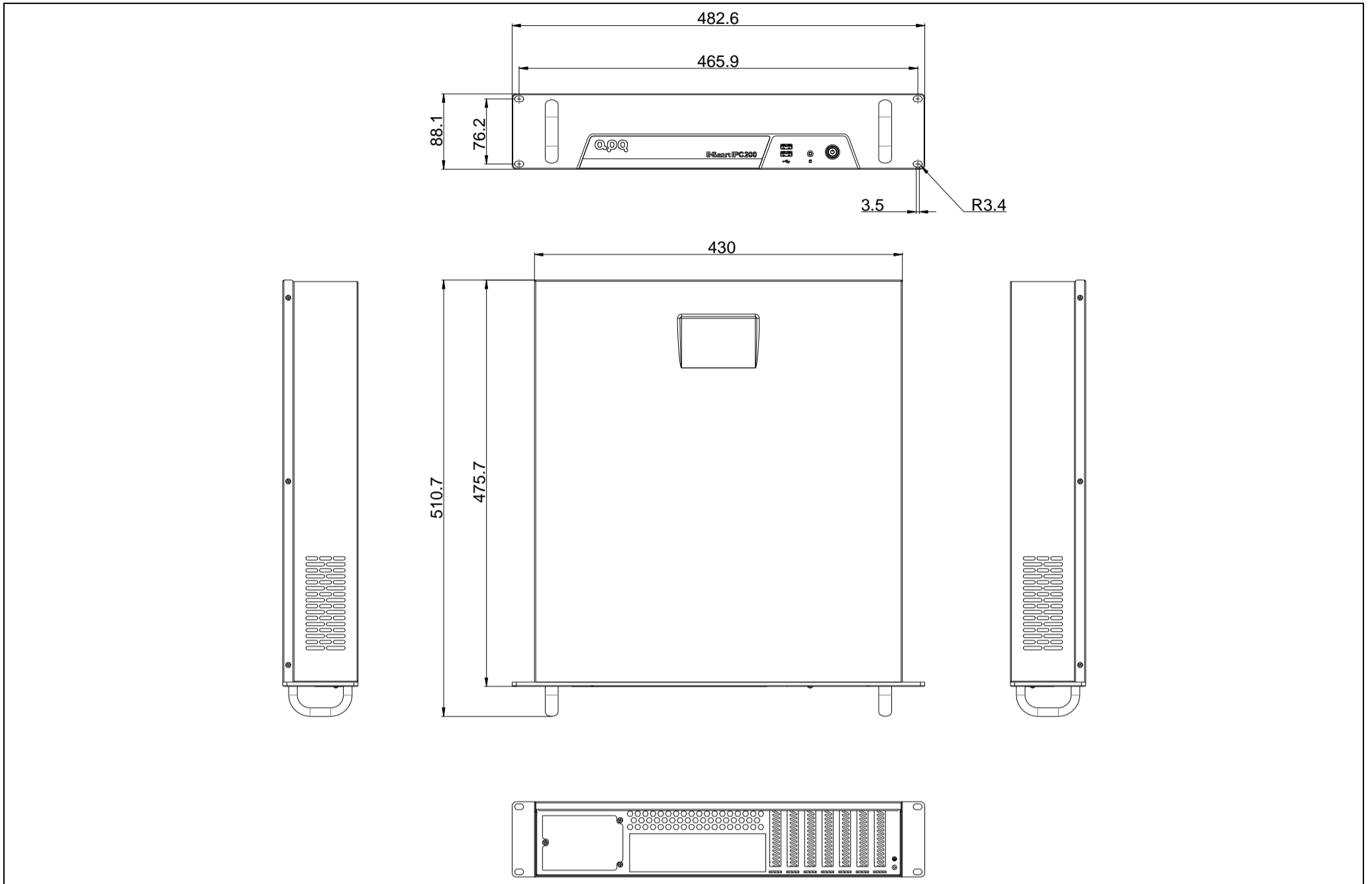
Security Control

Product Specifications

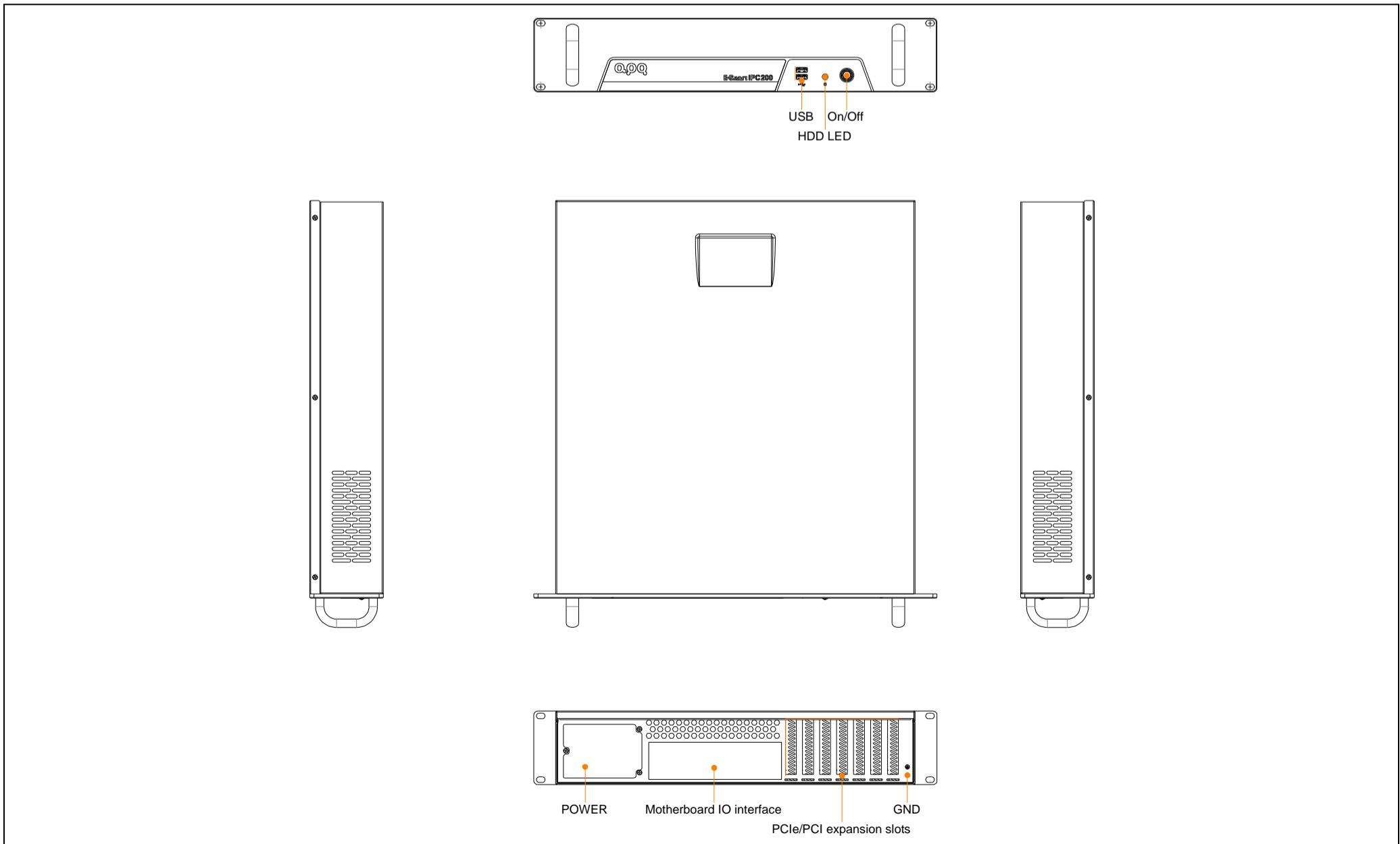
Model	IPC200-Q470		
Processor System	CPU	Support Intel® 10/11th Generation Core / Pentium/ Celeron Desktop CPU	
	TDP	125W	
	Socket	LGA1200	
	Chipset	Q470	
	BIOS	AMI 256 Mbit SPI	
Memory	Socket	4 * Non-ECC U-DIMM Slot, Dual Channel DDR4 up to 2933MHz	
	Capacity	128GB, Single Max. 32GB	
Graphics	Controller	Intel® UHD Graphics	
Ethernet	Controller	1 * Intel i210-AT GbE LAN Chip (10/100/1000 Mbps, RJ45) 1 * Intel i219-LM/V GbE LAN Chip (10/100/1000 Mbps, RJ45)	
	SATA	4 * SATA3.0 7P Connector, 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	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	
Front I/O	USB	2 * USB3.2 Gen 2x1 (Type-A) 4 * USB3.2 Gen 1x1 (Type-A) 2 * USB2.0 (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)	
	USB	2 * USB2.0 (Type-A)	
Rear I/O	Button	1 * Power Button	
	LED	1 * Power status LED 1 * Hard drive status LED	
	USB	1 * USB2.0 (Vertical TYPE-A) 2 * USB2.0 (Header)	
Internal I/O	COM	4 * RS232 (COM3/4/5/6, Header, Full Lanes)	
	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)	
	GPIO	1 * 16 bits DIO (8DI and 8DO, wafer)	
	SATA	4 * SATA 7P Connector	
	LPT	1 * LPT (Header)	
	PS/2	1 * PS/2 (wafer)	
	SMBus	1 * SMBus (wafer)	
	FAN	2 * SYS FAN (Header) 1 * CPU FAN (Header)	
	Power Supply	Type	2U FLEX
		Power Input Voltage	AC power supply, voltage and frequency shall be based on the 2U power supply provided
RTC Battery		CR2032 Coin Cell	
OS Support	Windows	Windows 10/11	
	Linux	Linux	
Watchdog	Output	System Reset	
	Interval	Programmable 1 ~ 255 sec	
Mechanical	Enclosure Material	SGCC+AL6061	

	Dimensions	482.6mm(L) * 475.7mm(W) * 88.1mm(H)
	Mounting	Rack-mounted/Desktop
Environment	Operating Temperature	0 ~ 50°C
	Storage Temperature	-20 ~ 70°C
	Relative Humidity	10 to 95% RH (non-condensing)

Product Dimensions



Chassis Interface



Motherboard Interface

