



Features:

- Intel® 10/11th Generation Core/Pentium/Celeron Desktop CPU
- Fully molded, standard 19-inch 2U rack-mount chassis
- Supports standard ATX motherboards and standard 2U power supplies
- up to 7 full-height card expansion slots
- User-friendly design, front fan tool-free maintenance
- Optional up to 4×3.5" shockproof drive bays
- Front USB, power switch & status indicators for easy maintenance



Remote Management



Condition Monitoring



Remote Operation And Maintenance

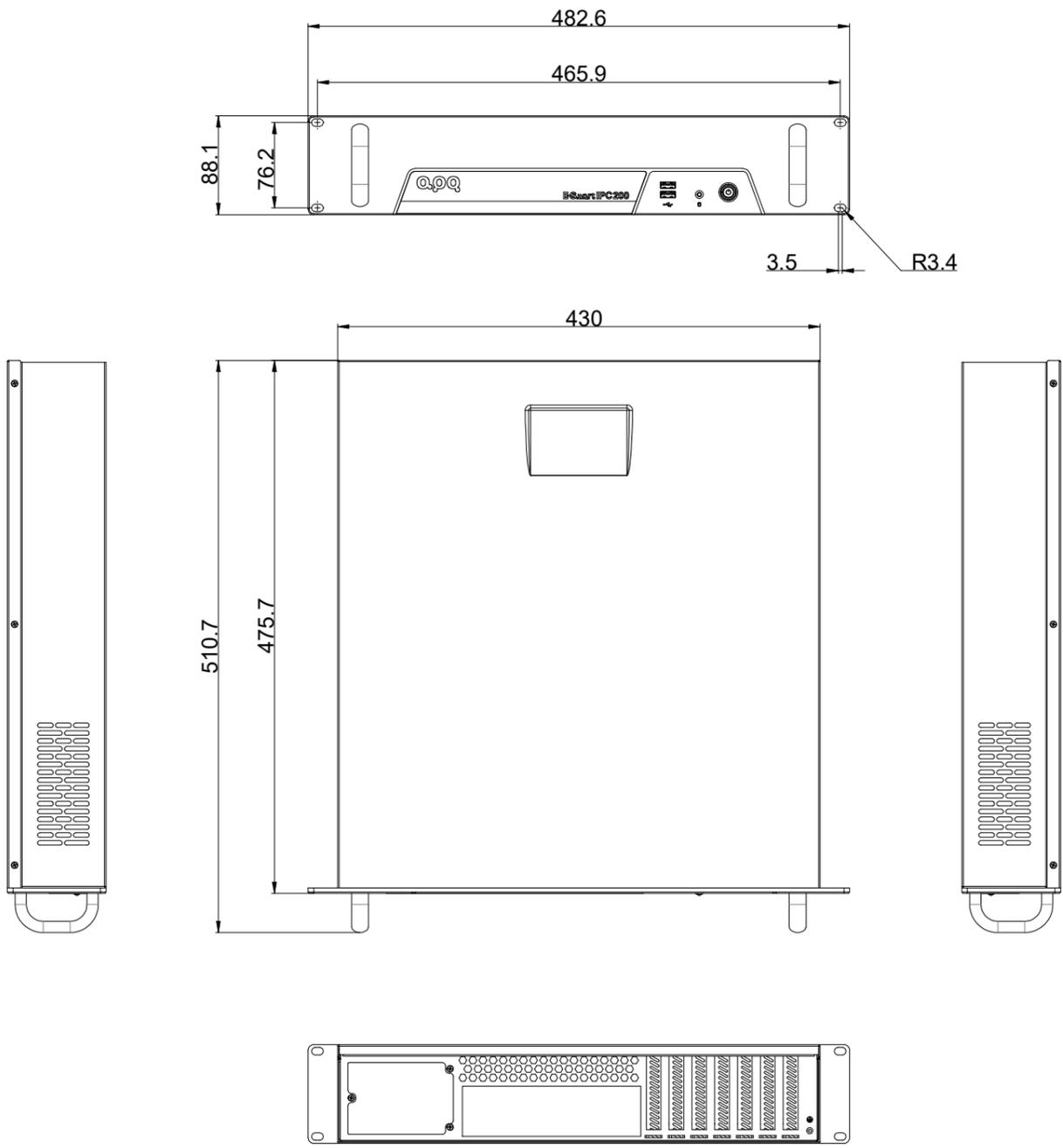


Safety Control

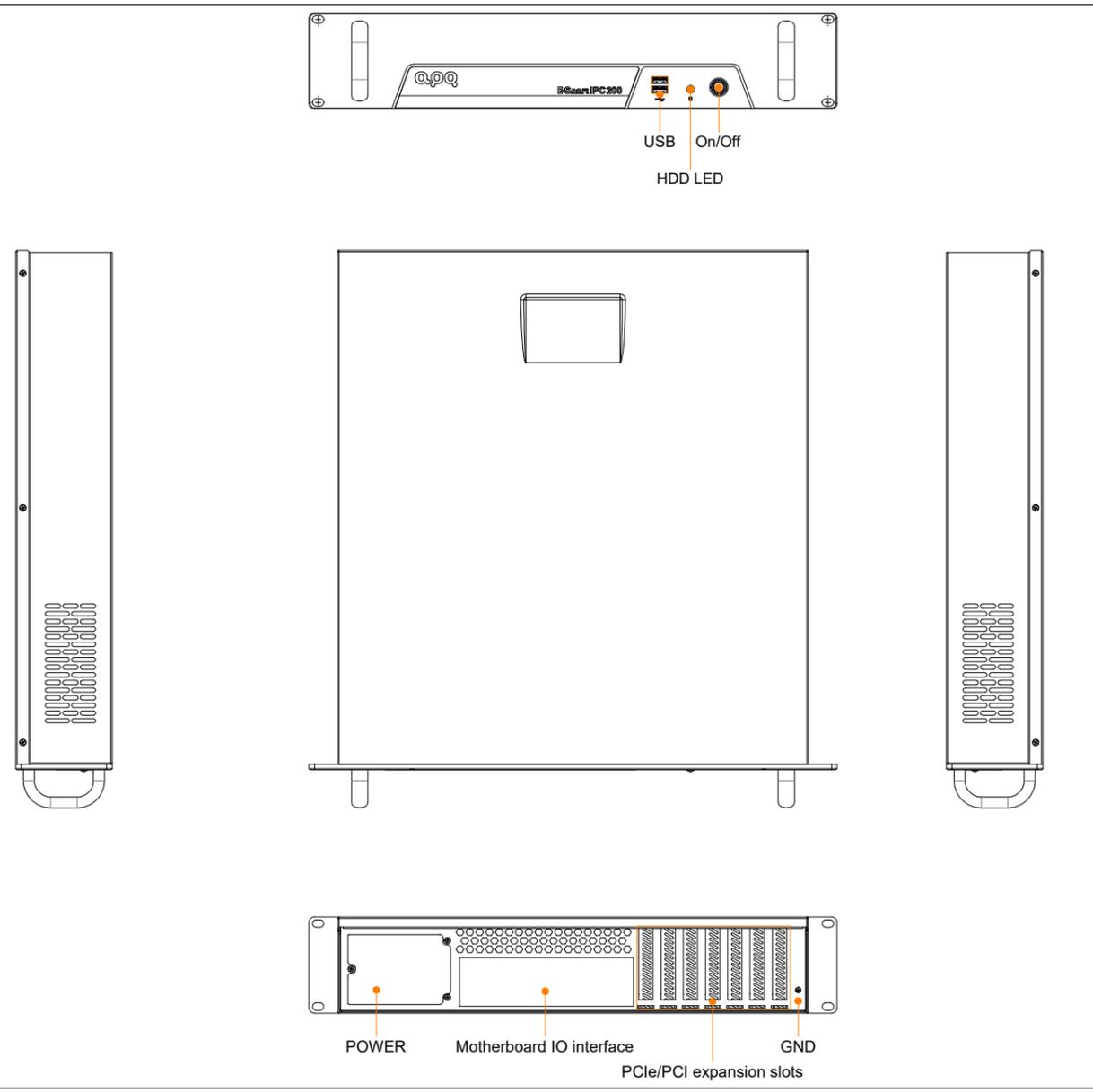
Product Specification

Model	IPC200-H470	
Processor System	CPU	Support Intel® 10/11th Generation Core / Pentium/ Celeron Desktop CPU
	TDP	125W
	Socket	LGA1200
	Chipset	H470
	BIOS	AMI 256 Mbit SPI
Memory	Socket	2 * Non-ECC U-DIMM Slot, Dual Channel DDR4 up to 2933MHz
	Capacity	64GB, Single Max. 32GB
Graphics	Controller	Intel® HD Graphics
Ethernet	Controller	1 * Intel i225-V LAN Chip (10/100/1000/2500 Mbps, RJ45) 1 * Intel i219-LM GBE LAN Chip (10/100/1000 Mbps, RJ45)
	Storage	SATA 3 * SATA3.0 7P Connector M.2 1 * M.2 Key-M Slot (PCIe 3.0 x4 + SATA 3.0, NVMe/ SATA SSD Auto Detect, 2242/2260/2280)
Expansion Slots	PCIe	1 * PCIe x16 slot (Gen 3, x16 signal) 1 * PCIe x4 slot (Gen 3, x1 signal) 1 * PCIe x4 slot (Gen 3, x1 signal)
	PCI	4 * PCI slot
	Mini PCIe	1 * Mini PCIe (PCIe 3.0x1+USB 2.0, with 1 * SIM Card slot)
	Ethernet	2 * RJ45
Front I/O	USB	4 * USB 5Gbps (Type-A, 5Gbps, 2 ports for a total of 3A) 2 * USB2.0 (Type-A, 2 ports for a total of 2A)
	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)
	Serial	2 * RS232/422/485 (COM1/2, DB9/M, Full Lanes, BIOS Switch)
	Rear I/O	USB
Button		1 * Power Button
LED		1 * Power status LED 1 * Hard drive status LED
Internal I/O	USB	2 * USB 5Gbps (F_USB3, wafer) 1 * USB2.0 (USB2_1, Vertical type connector) 2 * USB2.0 (F_USB2_1, header)
	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	3 * SATA 7P Connector
	LPT	1 * LPT (Header)
	FAN	2 * SYS FAN (Header) 1 * CPU FAN (Header)
	Power Supply	Type
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 Size



Product I/O



Motherboard Interface

