



## Feature:

- Intel® 12/13/14 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

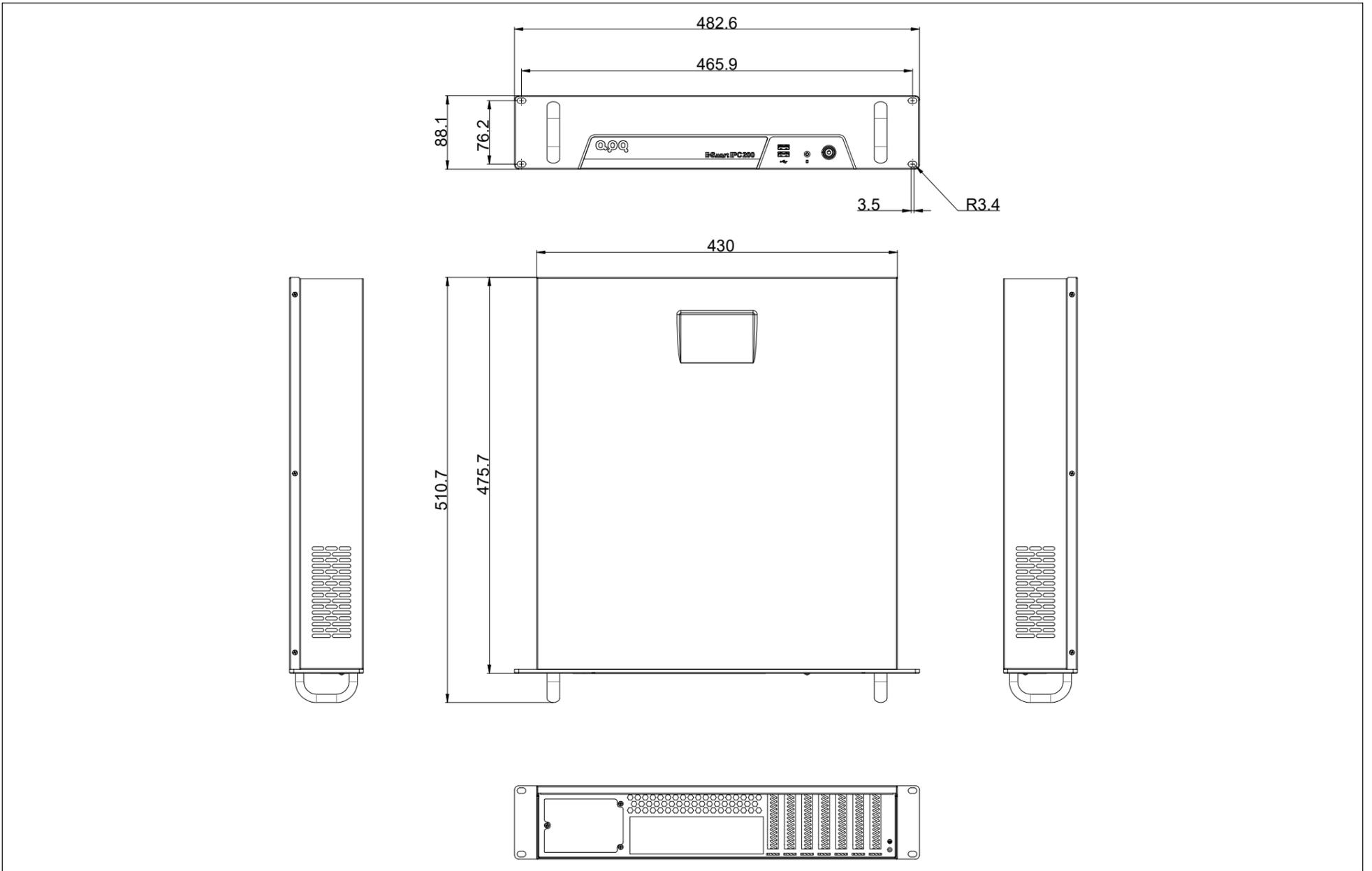


Safety Control

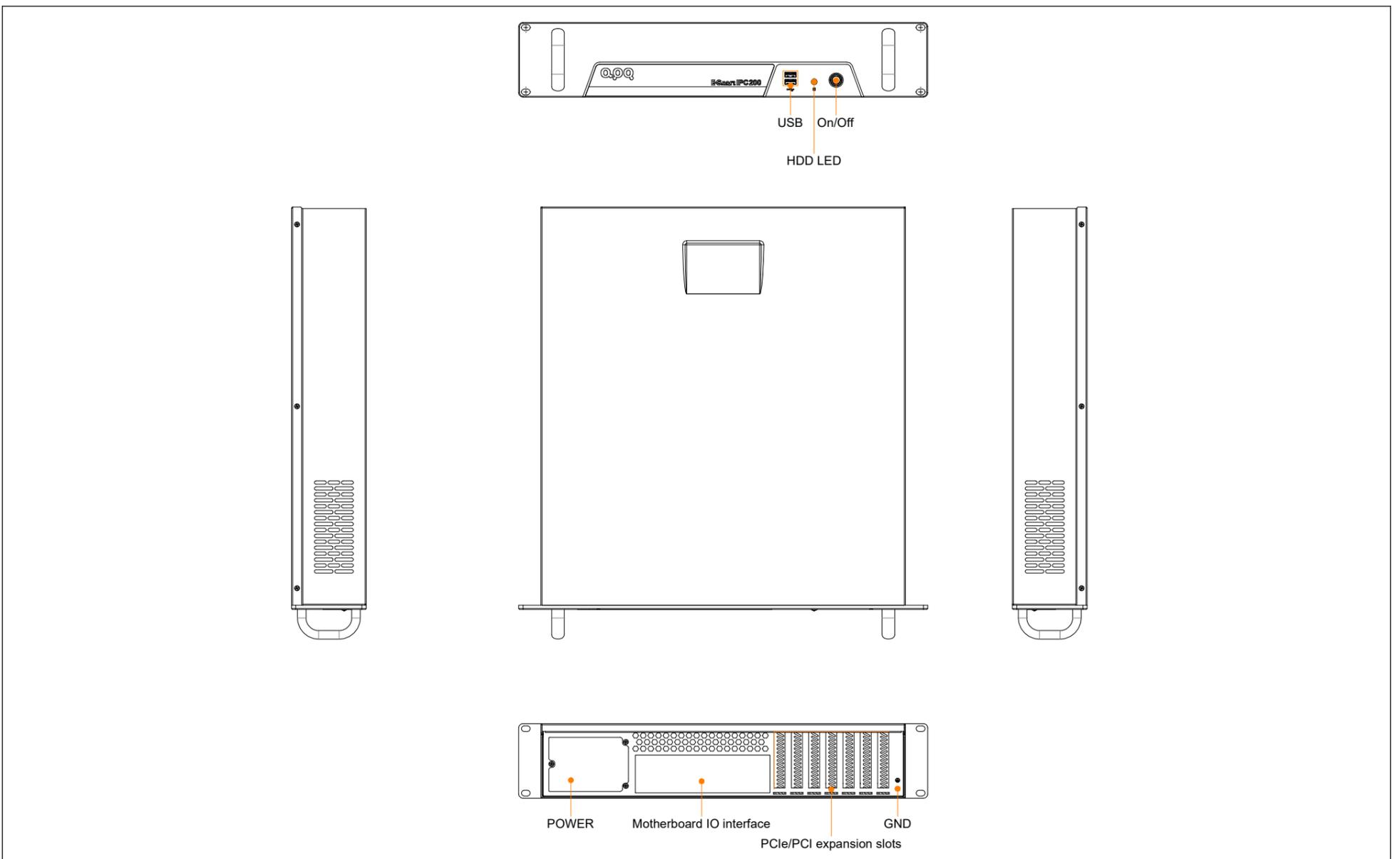
## Product Specification

Model	IPC200-Q670SA2	
Processor System	CPU	Intel® 12/13/14 Generation Core / Pentium/ Celeron Desktop CPU
	TDP	125W
	Socket	LGA1700
	Chipset	Q670
	BIOS	AMI UEFI BIOS
Memory	Socket	4 * U-DIMM slot, Dual Channel DDR5-4400 MT/s
	Capacity	192GB, Single Max 48GB
Ethernet	Controller	1 * Intel i210-AT Chip 1 * Intel i219-V Chip
Storage	SATA	4 * SATA 3.0 Connector
	M.2	1 * M.2 Key-M slot (PCIe Gen 4 x4 + SATA 3.0 signal, NVMe/SATA SSD Auto, 2280)
Expansion Slots	PCIe	2 * PCIe x16 slot 3 * PCIe x4 slot
	PCI	2 * PCI slot
	M.2	1 * M.2 Key-E slot (PCIe Gen 3 x1+ USB 2.0, 2230)
Rear I/O	Ethernet	2 * RJ45
	USB	6 * USB 5Gbps Type-A
	PS/2	1 * PS/2 (Keyboard & Mouse)
	Display	1 * DVI-D: max resolution up to 1920*1200 @ 60Hz 1 * HDMI: max resolution up to 4096*2160 @ 30Hz 1 * VGA: max resolution up to 1920*1200 @ 60Hz
	Audio	3 * 3.5mm Jack (Line-out + Line-in + MIC)
Front I/O	Serial	1 * RS232 DB9/M (COM1)
	USB	2 * USB 2.0 Type-A
	Button	1 * Power Button
	LED	1 * Power status LED 1 * Hard drive status LED
Internal Interfaces	USB	1 * USB 2.0(Type-A) 2 * USB 5Gbps 2 * USB 2.0
	COM	3 * RS232 (COM2/5/6) 1 * RS232/RS485/RS422 (COM3) 1 * RS232/RS485 (COM4)
	Audio	1 * Front Audio (Line-Out + MIC)
	IO	1 × 8-channel digital input/output header (default: 4 inputs, 4 outputs)
	SATA	4 * SATA 3.0 Connector
	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 ATX power supply provided
RTC Battery		CR2032 Coin Cell
OS Support	Windows	Win 10/11
	Linux	Linux
Platform	TPM	fTPM, optional dTPM2.0
Watchdog	Output	System Reset
	Interval	Programmable 1 ~ 255 sec
Mechanical	Enclosure Material	SGCC
	Dimensions	482.6mm(L) * 475.7mm(W) * 88.1mm(H)
	Mounting	Shelf mounted installation
Environment	Heat Dissipation System	PWM fan cooling
	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

