



## Features:

- Intel® 6/8/9 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

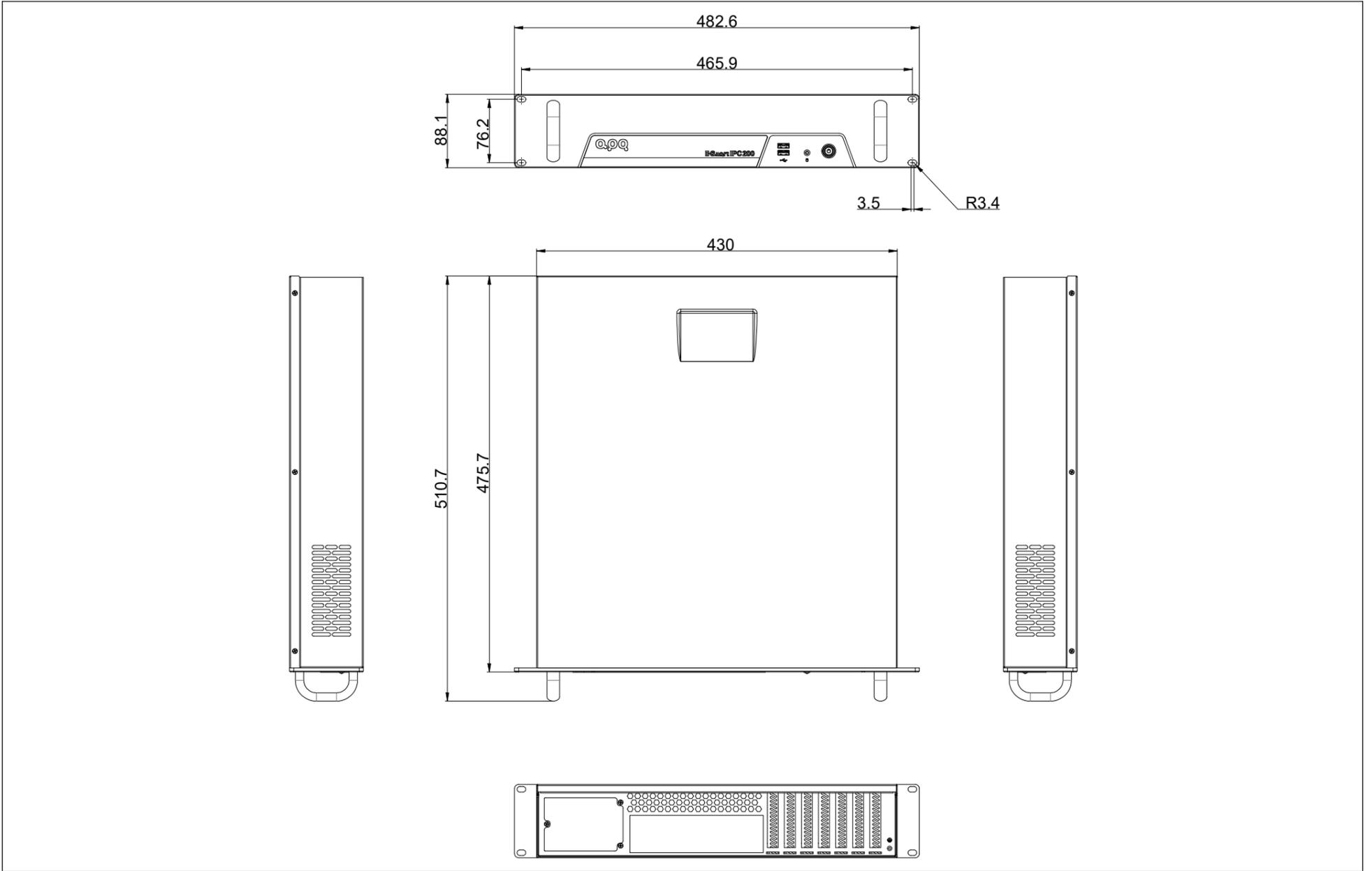


Safety Control

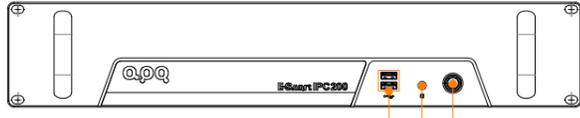
## Product Specification

Model	IPC200-Z390SA2	
Processor System	CPU	Intel® 6/8/9 Generation Core/Pentium/Celeron Desktop CPU
	TDP	95W
	Socket	LGA1151
	Chipset	Z390
	BIOS	AMI UEFI BIOS
Memory	Socket	2 * U-DIMM slot, Dual Channel DDR4-2400/2666 MHz
	Capacity	64GB, Single Max 32GB
Ethernet	Controller	1 * Intel i210-AT Chip 1 * Intel i219-V/LM Chip
	Storage	4 * SATA 3.0 Connector
Expansion Slots	SATA	4 * SATA 3.0 Connector
	mSATA	1 * mSATA slot (SATA 3.0, mSATA SSD)
	PCIe	1 * PCIe x16 slot 2 * PCIe x4 slot
Rear I/O	PCI	4 * PCI slot
	Mini PCIe	1 * Mini PCIe slot (PCIe Gen 3 x1 + USB 2.0, 1 * SIM)
	Ethernet	2 * RJ45
	USB	4 * USB 5Gbps Type-A 2 * USB 2.0 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
Internal Interfaces	LED	1 * Power status LED 1 * Hard drive status LED
	USB	1 * USB 2.0(Type-A) 2 * USB 5Gbps 2 * USB 2.0
	COM	3 * RS232 (COM2/5/6) 2 * RS232/RS485 (COM3/4)
	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	2U
	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	6 Generation CPU: Win 7/10/11 8/9 Generation CPU: 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 ~ 90%, (non-condensing)

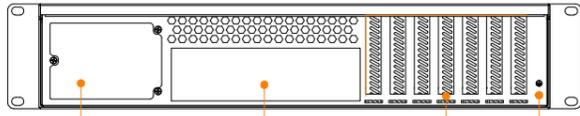
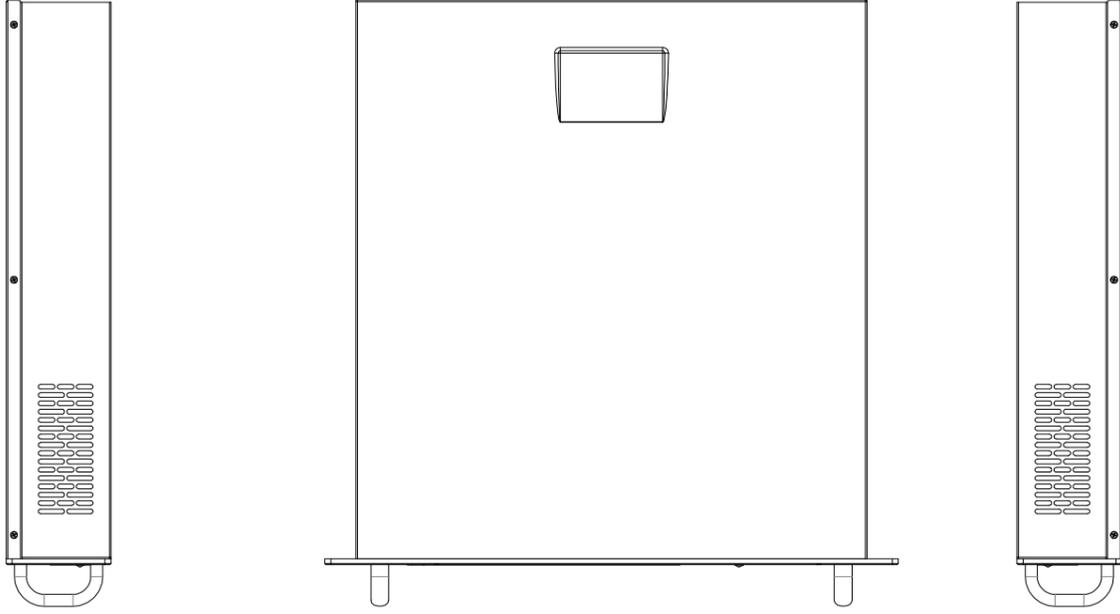
### Product Size



### Product I/O



USB  
On/Off  
HDD LED



POWER  
Motherboard IO interface  
PCIe/PCI expansion slots  
GND

Motherboard Interface

