



Features:

- Supports Intel® 6th to 9th Generation Core/Pentium/Celeron Desktop CPUs
- Entire unit is mold-formed, standard 19-inch 2U rack-mount chassis
- Accommodates standard ATX motherboards and supports standard 2U power supplies
- Supports up to 7 half-height card slots for expansion, meeting diverse industry application requirements
- User-friendly design with front-placed system fans for tool-free maintenance
- Options for up to 4 anti-vibration and shock-resistant 3.5-inch hard drive bays
- Front panel USB, power switch design, power and storage status indicators, facilitating easier system maintenance



Remote Management



Status Monitoring



Remote Operations and Maintenance



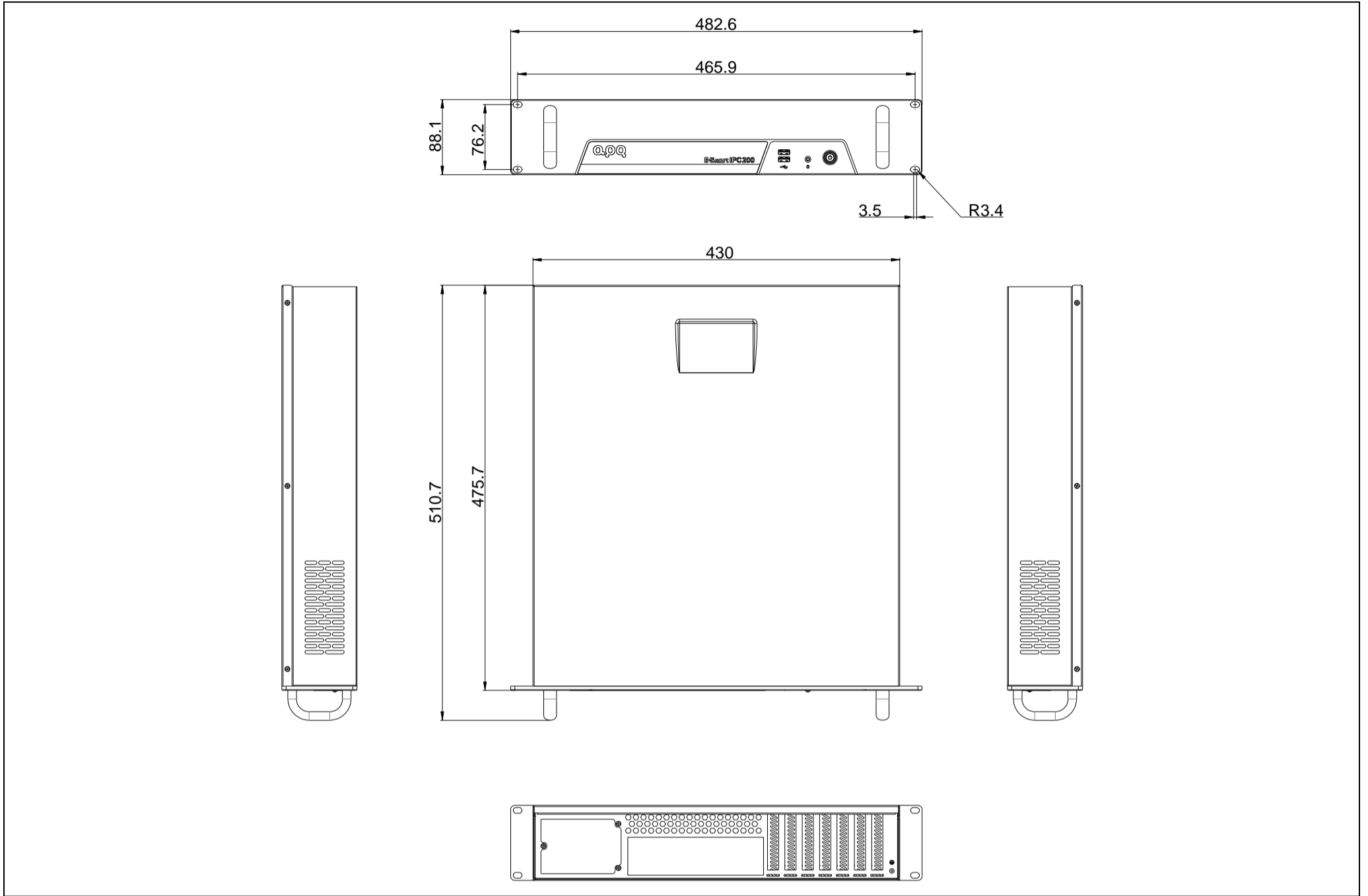
Security Control

Product Specifications

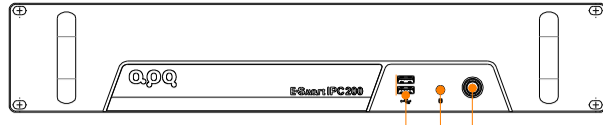
Model	IPC200-H31C	
Processor System	CPU	Support Intel® 6/7/8/9th Generation Core / Pentium/ Celeron Desktop CPU
	TDP	65W
	Socket	LGA1151
	Chipset	H310C
	BIOS	AMI 256 Mbit SPI
Memory	Socket	2 * Non-ECC U-DIMM Slot, Dual Channel DDR4 up to 2666MHz
	Capacity	64GB, Single Max. 32GB
Graphics	Controller	Intel® 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)
	Storage	
Storage	SATA	3 * SATA3.0 7P Connector
	M.2	1 * M.2 Key-M (SATA SSD, SATA 3.0, 2242/2260/2280)
Expansion Slots	PCIe	1 * PCIe x16 slot (Gen 3, x16 signal) 1 * PCIe x4 slot (Gen 2, x4 signal, Default, co-lay with Mini PCIe)
	PCI	5 * PCI slot
	Mini PCIe	1 * Mini PCIe (PCIe x1 Gen 2 + USB2.0 (Opt., co-lay with PCIe x4 slot), with 1 * SIM Card)
Front I/O	Ethernet	2 * RJ45
	USB	4 * USB3.2 Gen 1x1 (Type-A) 2 * USB2.0 (Type-A)
	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	2 * USB2.0 (Type-A)
	Button	1 * Power Button
	LED	1 * Power status LED 1 * Hard drive status LED
Internal I/O	USB	1 * USB2.0 (Vertical TYPE-A)
	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	2U FLEX
	Power Input Voltage	AC power supply, voltage and frequency shall be based on the 2U FLEX power supply provided
	RTC Battery	CR2032 Coin Cell
OS Support	Windows	6/7th Core™: Windows 7/10/11 8/9th Core™: Windows 10/11
	Linux	Linux
Watchdog	Output	System Reset
	Interval	Programmable 1 ~ 255 sec
Mechanical	Enclosure Material	SGCC+AL6061
	Dimensions	482.6mm(L) * 464.5mm(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)

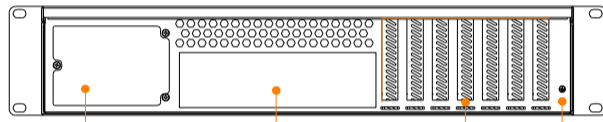
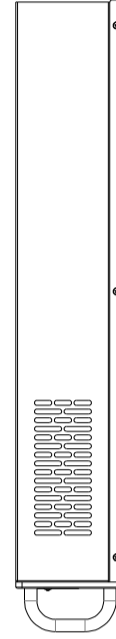
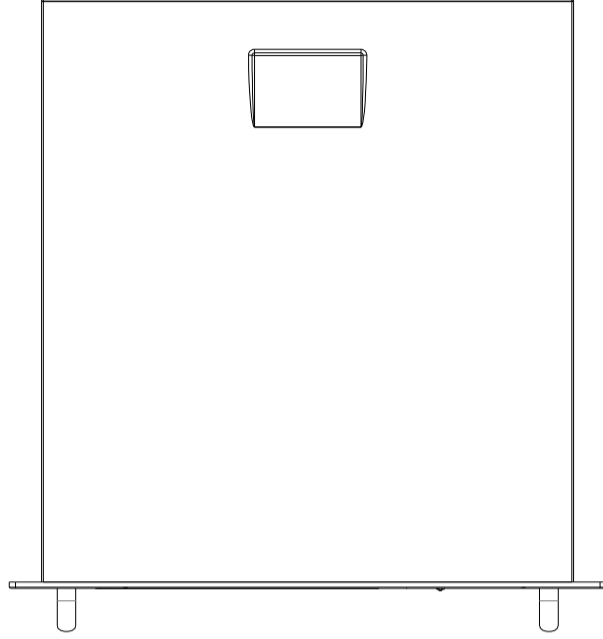
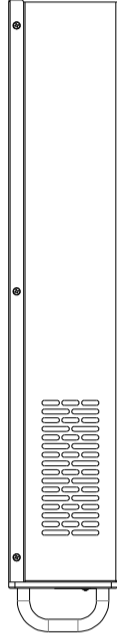
Product Dimensions



Chassis Interface



USB
On/Off
HDD LED



POWER
Motherboard IO interface
PCIe/PCI expansion slots
GND

Motherboard Interface

