



Features:

- Compact slim 4U chassis
- Intel® Core Ultra Desktop CPU(Series 2)
- Supports standard ATX motherboards and 4U power supplies
- Up to 7 full-height expansion slots
- User-friendly design, front system fan with tool-free maintenance
- Tool-free PCIe bracket for enhanced shock resistance
- Optional up to 2×3.5" shock-resistant drive bays
- Front USB, power switch, power and storage status indicators for easy maintenance



Remote Management



Condition Monitoring



Remote Operation And Maintenance

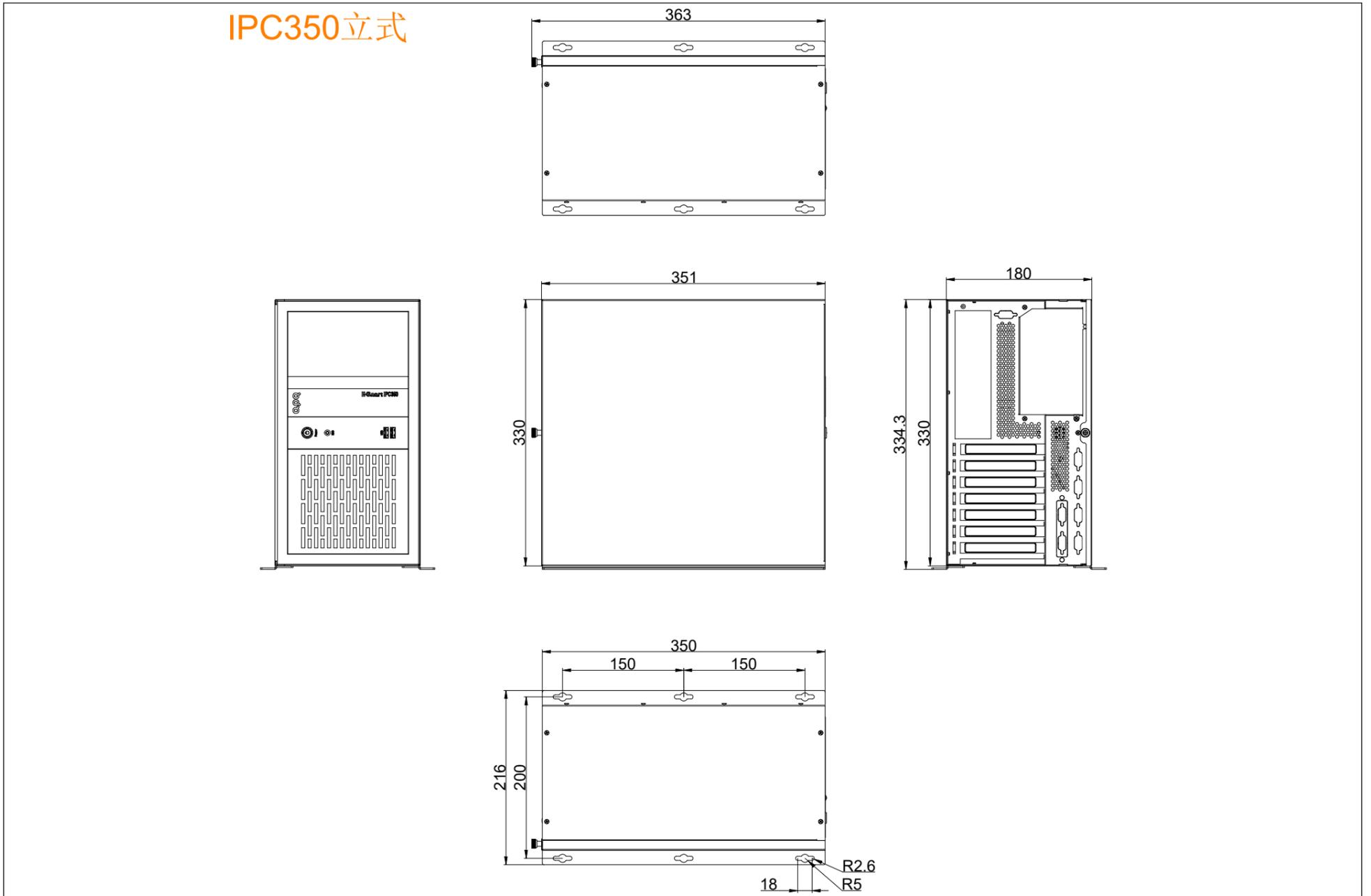


Safety Control

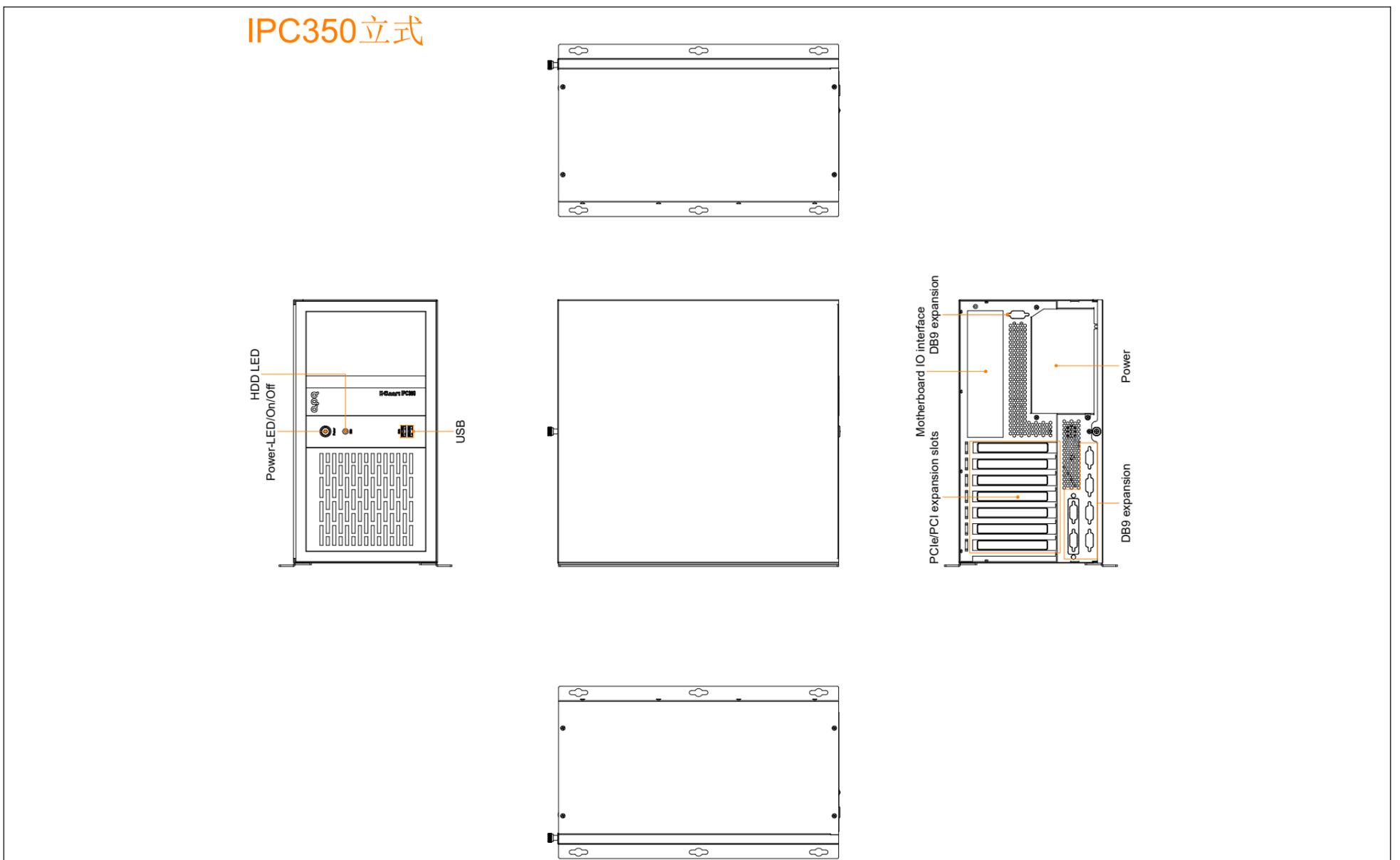
Product Specification

Model	IPC350-Q870SA2	
Processor System	CPU	Intel® Core Ultra Desktop CPU(Series 2)
	TDP	125W
	Socket	LGA1851
	Chipset	Q870
	BIOS	AMI UEFI BIOS
Memory	Socket	4 * U-DIMM slot, Dual Channel DDR5-5600 MT/s
	Capacity	192GB, Single Max 48GB
Graphics	Controller	1 * Intel i210-AT Chip 1 * Intel i219-V Chip
Ethernet	SATA	4 * SATA 3.0 Connector
	M.2	1 * M.2 Key-M slot (PCIe Gen4 x4 + SATA 3.0 signal, NVMe/SATA SSD Auto Detect, 2242/2280)
Storage	PCIe	1 * PCIe x16 slot (PCIe Gen 5 x8 signal) 1 * PCIe x16 slot (PCIe Gen 4 x8 signal) 4 * PCIe x4 slot (PCIe Gen 4 x4 signal)
	PCI	1 * PCI slot
	M.2	1 * M.2 Key-E Slot (PCIe Gen 4 x1 + USB 2.0, 2230)
Expansion Slots	Ethernet	2 * RJ45
	USB	2 * USB 10Gbps Type-A 4 * USB 5Gbps Type-A 2 * USB 2.0 Type-A
	Display	1 * DP: max resolution up to 4096*2160 @ 60Hz 1 * HDMI: max resolution up to 4096*2160 @ 60Hz 1 * VGA: max resolution up to 1920*1200 @ 60Hz
	Audio	3 * 3.5mm Jack (Line-out + Line-in + MIC)
	Serial	1 * RS232 DB9/M (COM1)
Rear I/O	USB	2 * USB 2.0 Type-A
	Button	1 * Power Button
	LED	1 * Power status LED 1 * Hard drive status LED
Front I/O	USB	2 * USB 2.0 (Type-A) 1 * USB 2.0
	COM	3 * RS232 (COM2/5/6) 1 * RS232/RS485/RS422 1 * RS232/RS485
	Audio	1 * Front Audio (Line-Out + MIC)
	GPIO	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)
Internal I/O	Type	ATX
	Power Input Voltage	AC power supply, voltage and frequency shall be based on the ATX power supply provided
	RTC Battery	CR2032 Coin Cell
Power Supply	Windows	Win 10/11
	Linux	Linux
OS Support	TPM	fTPM, optional dTPM2.0
Watchdog	Output	System Reset
	Interval	Programmable 1 ~ 255 sec
Mechanical	Enclosure Material	SGCC
	Dimensions	330mm(L) * 351mm(W) * 180mm(H)
	Mounting	Wall mounted, Desktop
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



Chassis Interfaces



Motherboard Interface

