



Features:

- Compact small 4U chassis
- Supports Intel® 12th / 13th / 14th Gen Core™ / Pentium® / Celeron® desktop processors
- Supports standard ATX motherboards and standard 4U power supplies
- Supports up to 7 full-height expansion slots, meeting multi-industry application requirements
- User-friendly design with front-mounted system fans for tool-free maintenance
- Carefully designed tool-less PCIe expansion card retention bracket with enhanced shock resistance
- Equipped with 2 × 3.5-inch shock- and vibration-resistant drive bays as standard
- Front panel USB ports and power on/off buttons, with power and storage status indicators for easier system maintenance



Remote Management



Status Monitoring



Remote Operations and
Maintenance



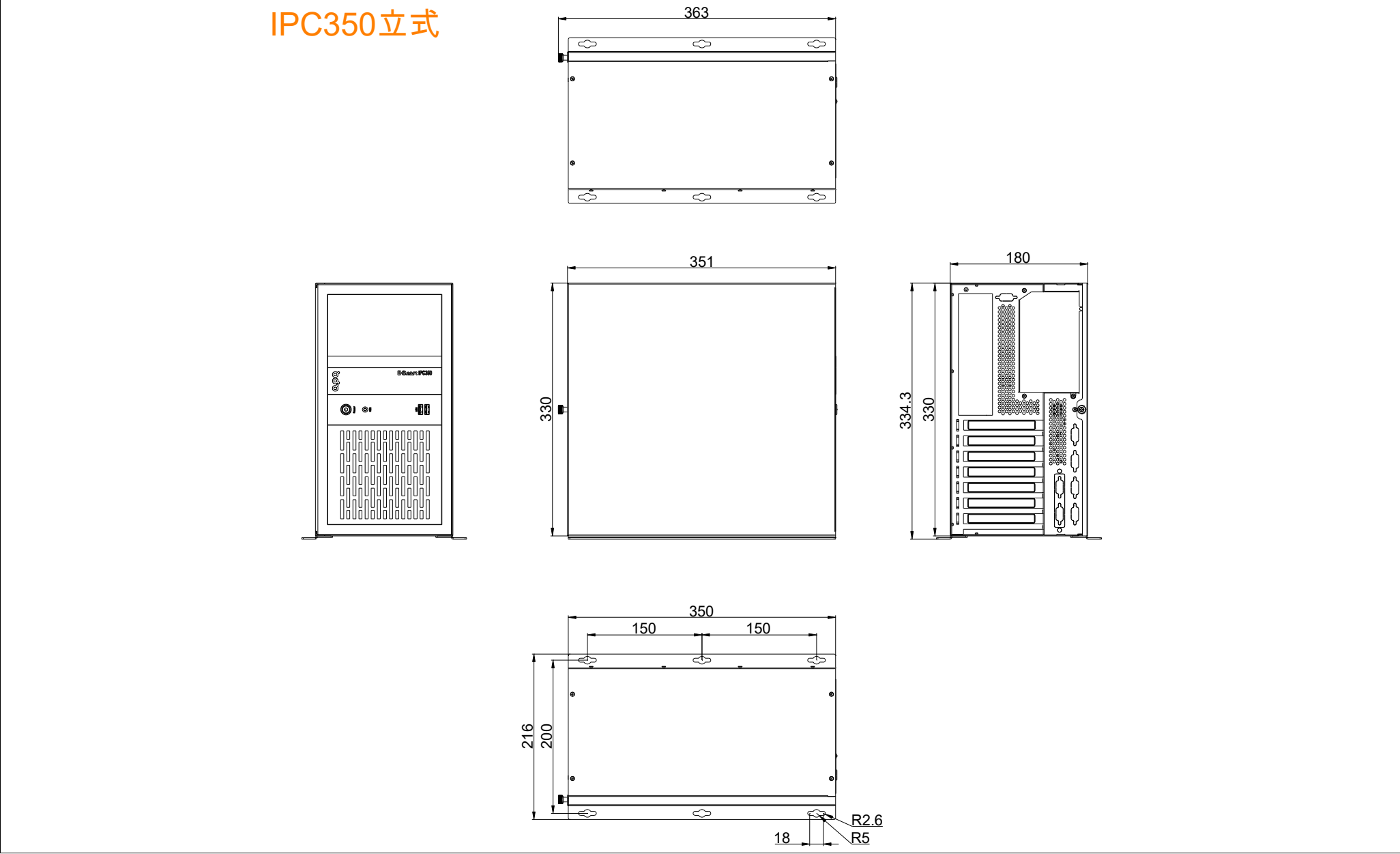
Security Control

Product Specifications

Model	IPC350-Q670SA2	
Processor System	CPU	Supports Intel® 12th / 13th / 14th Gen Core™ / Pentium® / Celeron® desktop processors
	TDP	125W
	Socket	LGA1700
	Chipset	Q670
	BIOS	AMI UEFI BIOS
Memory	Socket	4 × U-DIMM slots, dual-channel DDR5-4400 MT/s support
Ethernet	Capacity	Maximum 192 GB, up to 48 GB per DIMM
	Chipset	• 1 × Intel® i210-AT Gigabit Ethernet controller • 1 × Intel® i219-V Gigabit Ethernet controller
Storage	SATA	4 × SATA 3.0 ports
	M.2	1 × M.2 Key-M slot (PCIe Gen 4 x4 + SATA 3.0 signals, NVMe/SATA SSD auto-detection, 2280)
	PCIe	• 2 × PCIe x16 slots (PCIe Gen 4 x8 signal, slots 1 and 4) • 3 × PCIe x4 slots (PCIe Gen 4 x4 signal, slots 2, 3, and 5)
	PCI	2 × PCI slots (slots 6 and 7)
	M.2	1 × M.2 Key-E slot (PCIe Gen 3 x1 + USB 2.0 signals, 2230)
Rear I/O	Ethernet	2 × RJ45 ports
	USB	6 × USB 5Gbps Type-A ports
	PS/2	1 × PS/2 combo port (keyboard and mouse)
	Display	• 1 × DVI-D port: up to 1920 × 1200 @ 60 Hz • 1 × HDMI port: up to 4096 × 2160 @ 30 Hz • 1 × VGA port: up to 1920 × 1200 @ 60 Hz
	Audio	3 × 3.5 mm audio jacks (Line-out / Line-in / MIC)
	Serial	1 × RS232 DB9 male connector (COM1)
Front I/O	USB	2 × USB 2.0 Type-A ports
	Button	1 × Power button
	LED	• 1 × Power status LED • 1 × HDD status LED
Internal I/O	USB	• 1 × Vertical USB 2.0 Type-A port • 2 × USB 5Gbps pin headers • 2 × USB 2.0 pin headers
	Serial	• 3 × RS232 pin headers (COM2 / COM5 / COM6) • 1 × RS232 / RS485 / RS422 pin header (COM3, selectable via jumper) • 1 × RS232 / RS485 pin header (COM4, selectable via jumper)
	Audio	1 × Front audio pin header (Line-out + MIC)
	GPIO	• 1 × 8-channel digital I/O pin header (default 4 DI + 4 DO; logic-level only, no load-driving capability)
	SATA	4 × SATA 3.0 ports
	Fan	• 2 × System fan headers • 1 × CPU fan header
Power Supply	Type	ATX
	Power Input Voltage	Input voltage range depends on selected power supply
	RTC Battery	CR2032 coin-cell battery
OS Support	Windows	Win 10/11
	Linux	Linux
Trusted Platform	TPM	Default fTPM, optional dTPM 2.0
Watchdog	Output	System reset
	Interval	1 ~ 255 seconds
	Enclosure Material	Galvanized steel chassis
Mechanical	Dimensions	330mm (W) * 351mm (D) * 180mm (H)
	Mounting	Rackmount / Desktop
Environment	Heat Dissipation System	Intelligent fan cooling

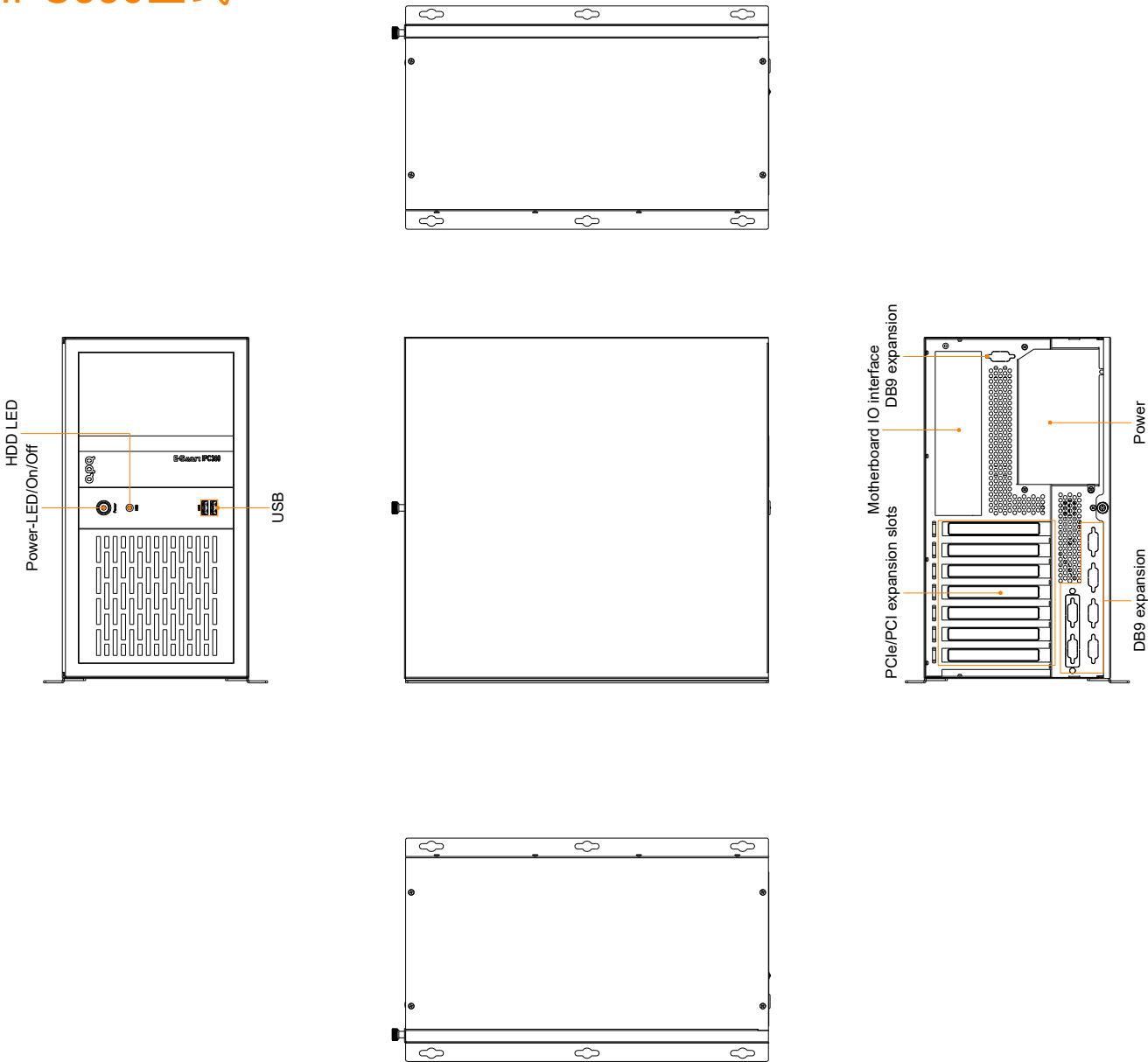
	Operating Temperature	0 ~ 50℃
	Storage Temperature	-20 ~ 70℃
	Relative Humidity	10 - 90% RH, non-condensing

Product Dimension



Chassis I/O

IPC350立式



Motherboard I/O

