工业智能体服务商

Rackmount Industrial PC
IPC350-Q270SA2

Features:

- Compact small 4U chassis
- Supports Intel® 6th / 7th / 8th / 9th 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-access 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 design, with power and storage status indicators for easier system maintenance

Remote Management | Status Monitoring | Remote Operations and Maintenance | Security Control

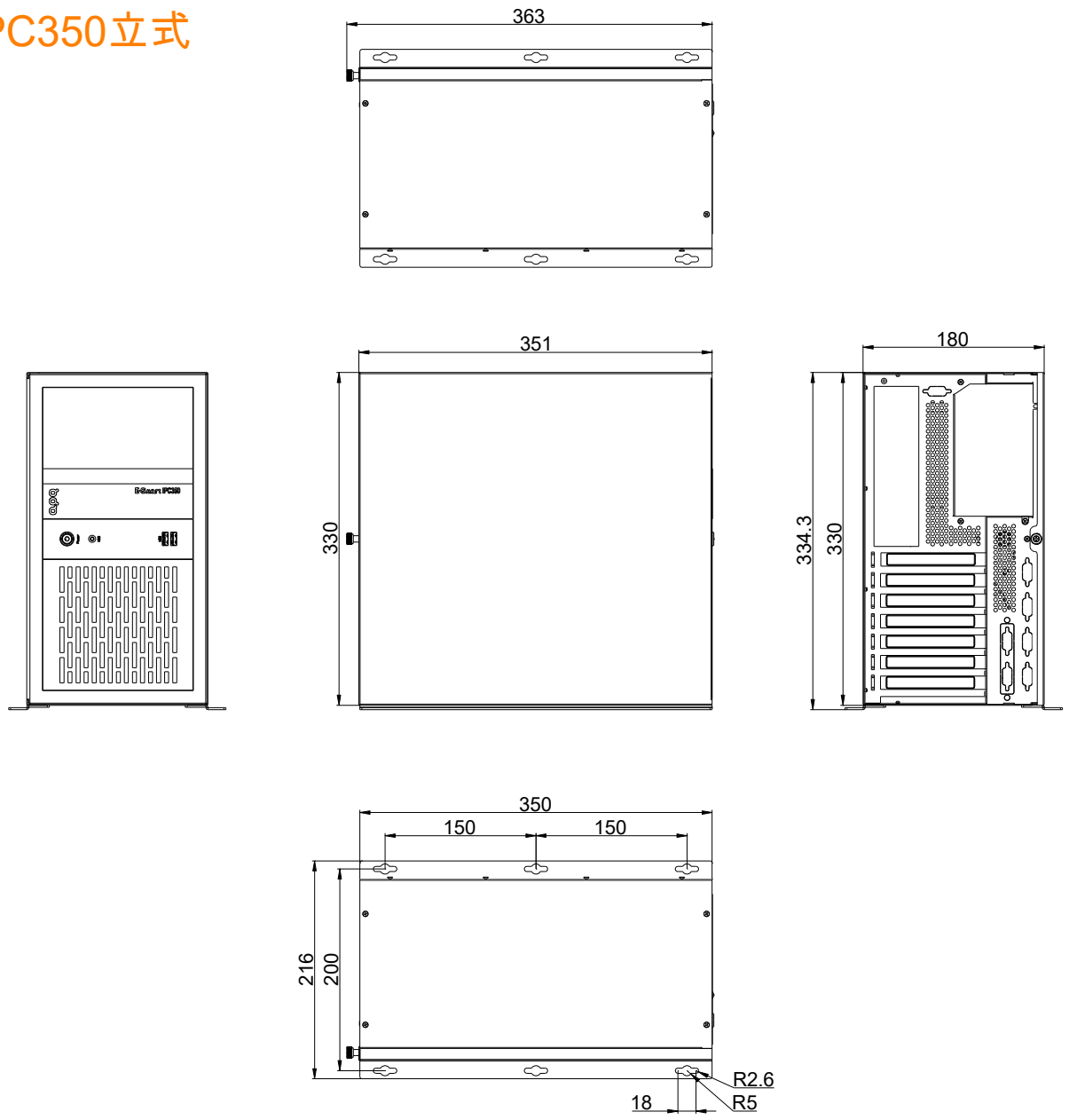
Product Specifications

Model	IPC350-Q270SA2	
Processor System	CPU	Support Intel® 6~9th Generation Core / Pentium/ Celeron Desktop CPU
	TDP	8 Cores 95W
	Socket	LGA1151
	Chipset	Q270
	BIOS	AMI UEFI BIOS
Memory	Socket	4 × U-DIMM slots, supporting dual-channel DDR4-2133/2400 MHz
	Capacity	Up to 64GB total capacity, maximum 16GB per module
Ethernet	Chipset	1 × Intel i225/i226-V/LM Gigabit Ethernet controller 1 × Intel i219-V/LM Gigabit Ethernet controller
Storage	SATA	4 × SATA 3.0 ports, supporting RAID 0, 1, 5, 10
	M.2	1 × M.2 Key-M slot (PCIe Gen 3 x4 + SATA 3.0 signals, NVMe/SATA adaptive, 2280)
Expansion Slots	PCIe	2 × PCIe x16 slots (PCIe Gen 3 x8 signal, 1st and 4th slots) 3 × PCIe x4 slots (PCIe Gen 3 x4 signal, 3rd, 5th, and 6th slots)
	PCI	2 × PCI slots (2nd and 7th slots)
	Mini PCIe	1 × Mini PCIe slot (PCIe Gen 3 x1 + USB 2.0 signal, with 1 × SIM card slot)
Rear I/O	Ethernet	2 × RJ45 ports
	USB	4 × USB 5Gbps Type-A ports 2 × USB 2.0 Type-A ports
	PS/2	1 × PS/2 combo port (keyboard & mouse)
	Display	1 × DVI-D port: up to 1920×1200 @ 60Hz 1 × HDMI port: up to 4096×2160 @ 30Hz 1 × VGA port: up to 1920×1200 @ 60Hz
	Audio	3 × 3.5mm audio jacks (Line-out + Line-in + MIC)
	Serial	1 × RS232 DB9/M port (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 headers 2 × USB 2.0 headers
	Serial	3 × RS232 headers (COM2/5/6) 1 × RS232/RS485/RS422 header (COM3, switchable via jumper) 1 × RS232/RS485 header (COM4, switchable via jumper)
	Audio	1 × Front audio header (Line-Out + MIC)
	GPIO	1 × 8-channel digital input/output header (default: 4 input, 4 output; logic-level only, no drive capability)
	SATA	4 × SATA 3.0 headers
	Fan	2 × System fan headers 1 × CPU fan header
Power Supply	Type	ATX
	Power Input Voltage	Voltage range depends on selected power supply
	RTC Battery	CR2032 coin-cell battery
OS Support	Windows	6 Gen CPU: Win 7/10/11 8/9 Gen CPU: Win 10/11
	Linux	Linux
Trusted Platform	TPM	Default fTPM, optional dTPM 2.0
Watchdog	Output	Syetem Reset
	Intervel	1 ~ 255 seconds
Mechanical	Enclosure Material	Galvanized steel

	Dimensions	330mm(W) * 351mm(D) * 180mm(H)
	Mounting	Rackmount
Environment	Heat Dissipation System	Smart fan cooling
	Operating Temperature	0 ~ 50℃
	Storage Temperature	-20 ~ 70℃
	Relative Humidity	10 ~ 90%, non-condensing

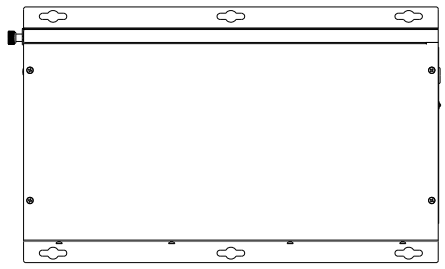
Product Dimension

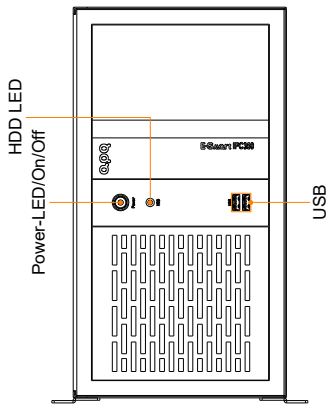
IPC350立式

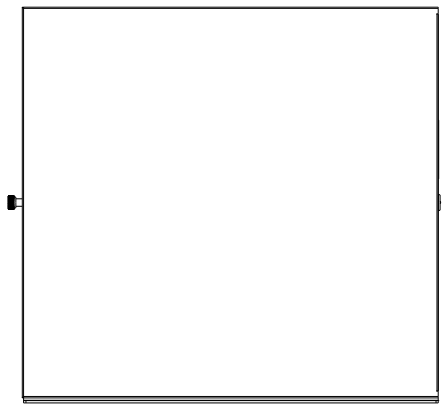


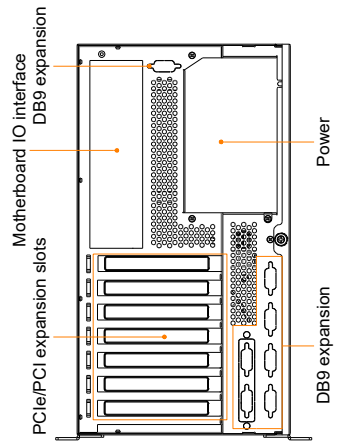
Chassis I/O

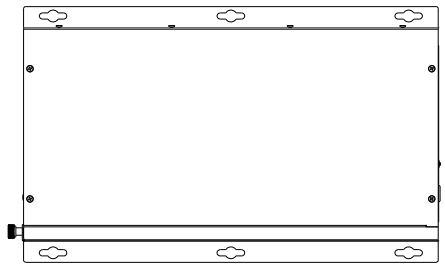
IPC350立式



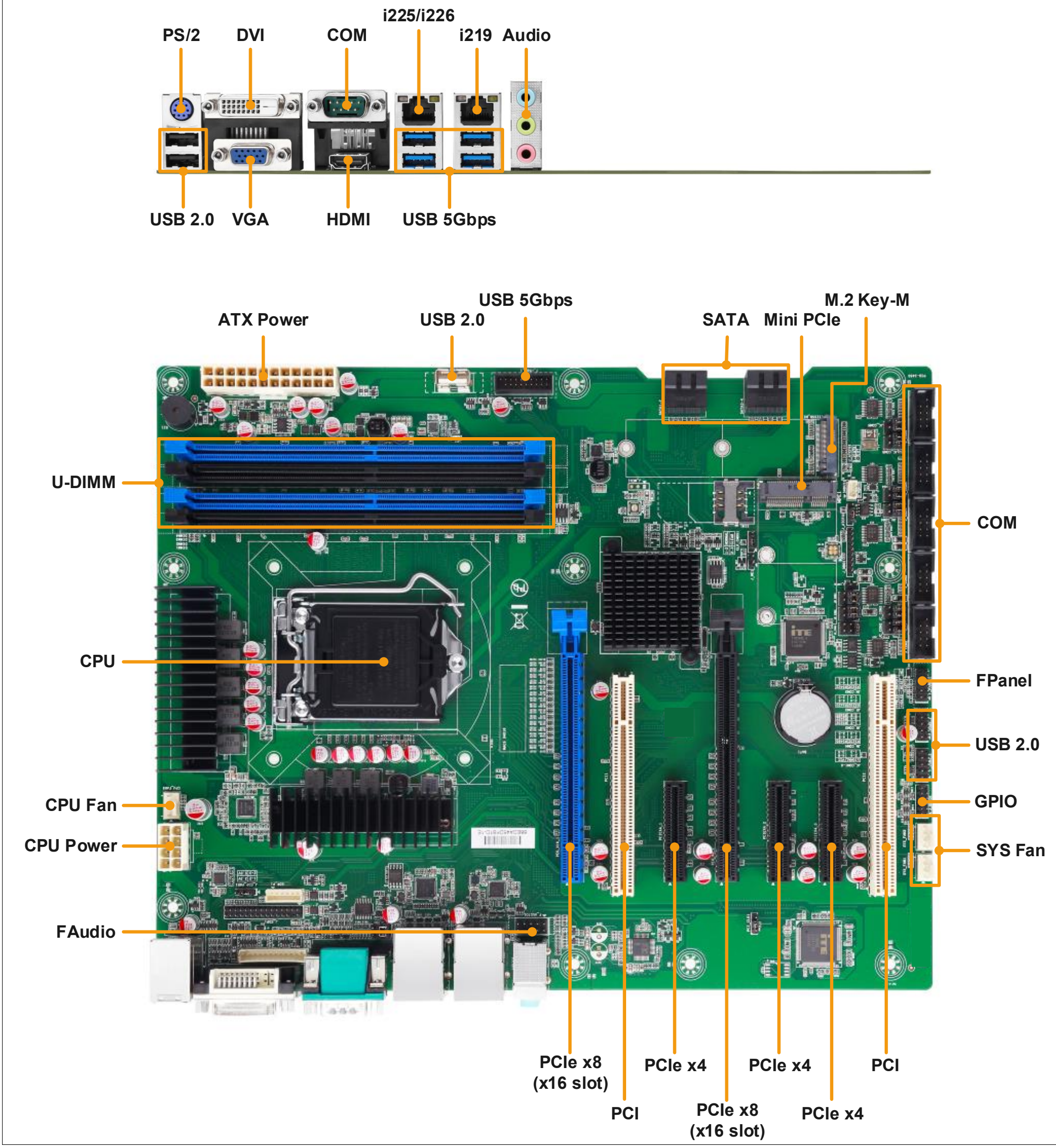








Motherboard I/O


PS/2
DVI
COM
i225/i226
i219
Audio
USB 2.0
VGA
HDMI
USB 5Gbps
ATX Power
USB 2.0
USB 5Gbps
SATA
Mini PCIe
M.2 Key-M
U-DIMM
COM
CPU
FPanel
USB 2.0
CPU Fan
GPIO
CPU Power
SYS Fan
FAudio
PCIe x8
(x16 slot)
PCI
PCIe x4
PCIe x8
(x16 slot)
PCIe x4
PCIe x4
PCI