



Features:

- Supports Intel® 6th / 8th / 9th Gen Core™ / Pentium® / Celeron® desktop processors
- Full mold tooling design, standard 19-inch 4U rackmount chassis
- Supports standard ATX motherboards and standard 4U power supplies
- Supports up to 7 full-height expansion slots to meet multi-industry application requirements
- Human-friendly design with front-mounted system fans for tool-free maintenance
- Carefully designed tool-less PCIe expansion card retention bracket with enhanced vibration resistance
- Supports up to 8 optional 3.5-inch anti-vibration and anti-shock drive bays
- Optional support for 2 × 5.25-inch optical drive bays
- Front panel design with USB ports and power controls, plus power and storage status indicators for easier system maintenance
- Supports unauthorized chassis opening alarm; lockable front door to prevent unauthorized access



Remote Management



Status Monitoring



Remote Operations
and Maintenance



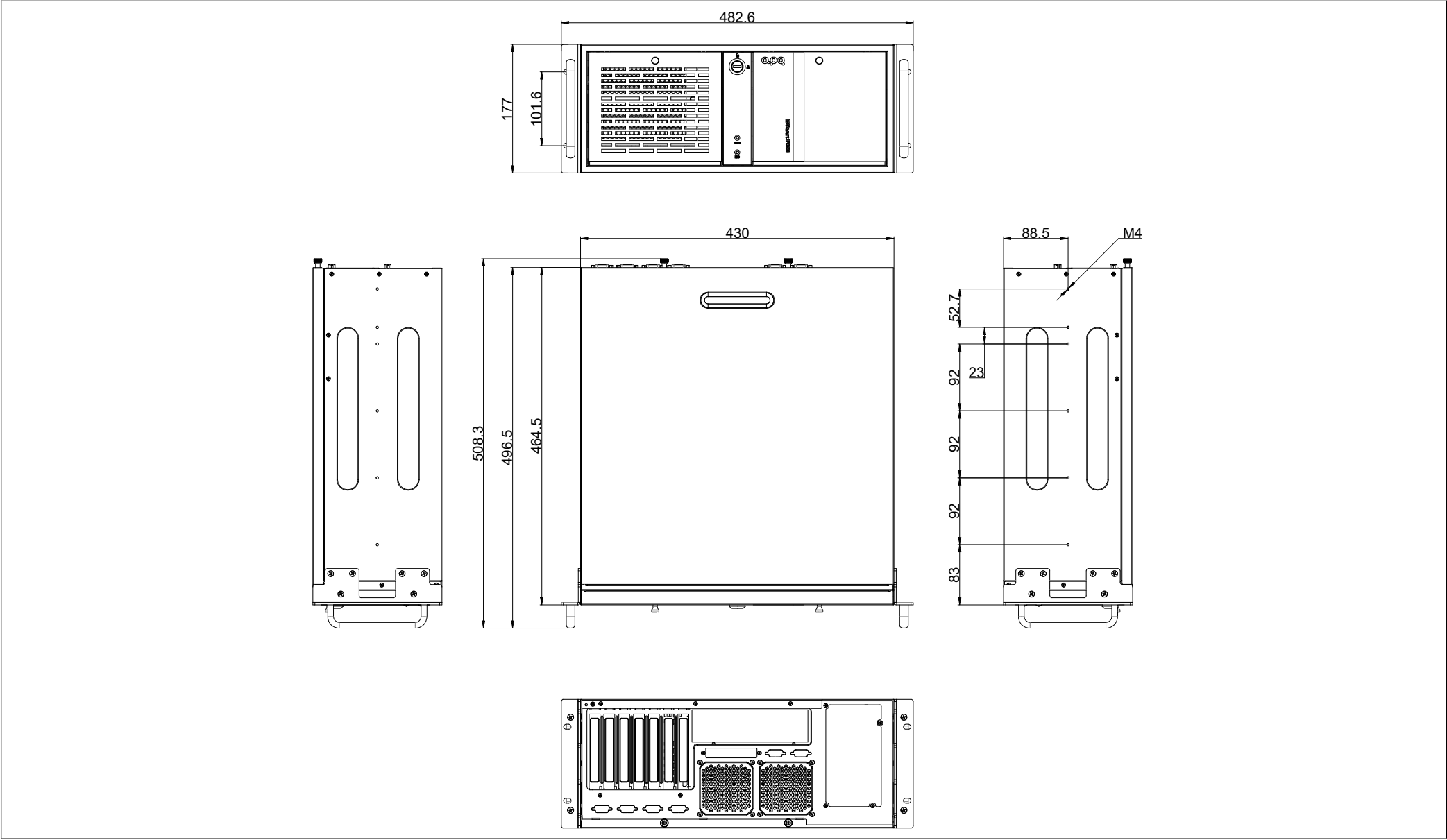
Security Control

Product Specifications

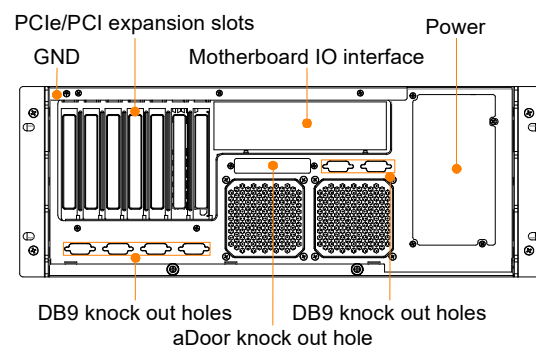
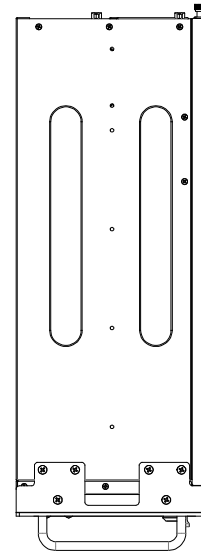
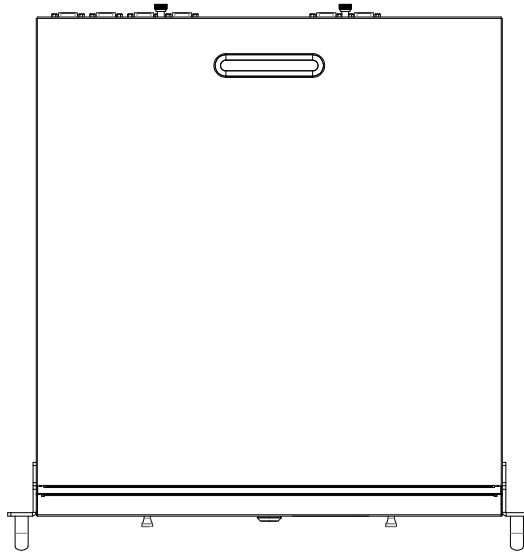
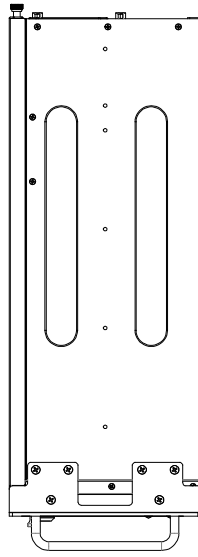
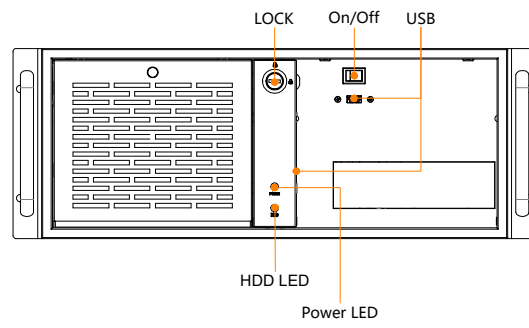
Model	IPC400-Z390SA2	
Processor System	CPU	Supports Intel® 6th / 8th / 9th Gen Core™ / Pentium® / Celeron® desktop processors
	TDP	Six-core 95 W CPUs supported (8-core 65 W / 95 W processors are not supported)
	Socket	LGA1151
	Chipset	Z390
	BIOS	AMI UEFI BIOS
Memory	Socket	2 × U-DIMM slots, dual-channel DDR4-2400 / 2666 MHz support
	Capacity	Maximum 64 GB, up to 32 GB per DIMM
Ethernet	Chipset	• 1 × Intel® i210-AT Gigabit Ethernet controller • 1 × Intel® i219-V/LM Gigabit Ethernet controller
Storage	SATA	4 × SATA 3.0 ports
	M.2	1 × mSATA slot (SATA 3.0 signal, mSATA SSD)
Expansion Slots	PCIe	• 1 × PCIe x16 slot (PCIe Gen 3 x16 signal, slot 1) • 2 × PCIe x4 slots (PCIe Gen 3 x4 signal, slots 2 and 3)
	PCI	4 × PCI slots (slots 4, 5, 6, and 7)
	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 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) • 2 × RS232 / RS485 pin headers (COM3 / 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	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
	Interval	1 ~ 255 seconds

Mechanical	Enclosure Material	Galvanized steel
	Dimensions	482.6mm(W) * 464.5mm(D) * 177mm(H)
	Mounting	Rackmount
Environment	Heat Dissipation System	Smart fan cooling
	Operating Temperature	0 ~ 50°C
	Storage Temperature	-20 ~ 70°C
	Relative Humidity	10 ~ 90%, non-condensing

Product Dimension



Product I/O



Motherboard Interface

