



Features:

- Intel® Core™ Ultra Desktop Processor (Series 2)
- Fully molded, standard 19-inch 4U rackmount chassis
- Supports standard ATX motherboards and standard 4U power supplies
- up to 7 full-height card expansion slots
- User-friendly design, front fan tool-free maintenance
- Tool-free PCIe bracket with enhanced shock resistance
- Optional up to 8×3.5" shockproof drive bays
- Optional 2×5.25" drive cages
- Front USB, power switch & status indicators for easy maintenance
- Supports chassis intrusion alarm, lockable front door



Remote Management



Condition Monitoring



Remote Operation And Maintenance

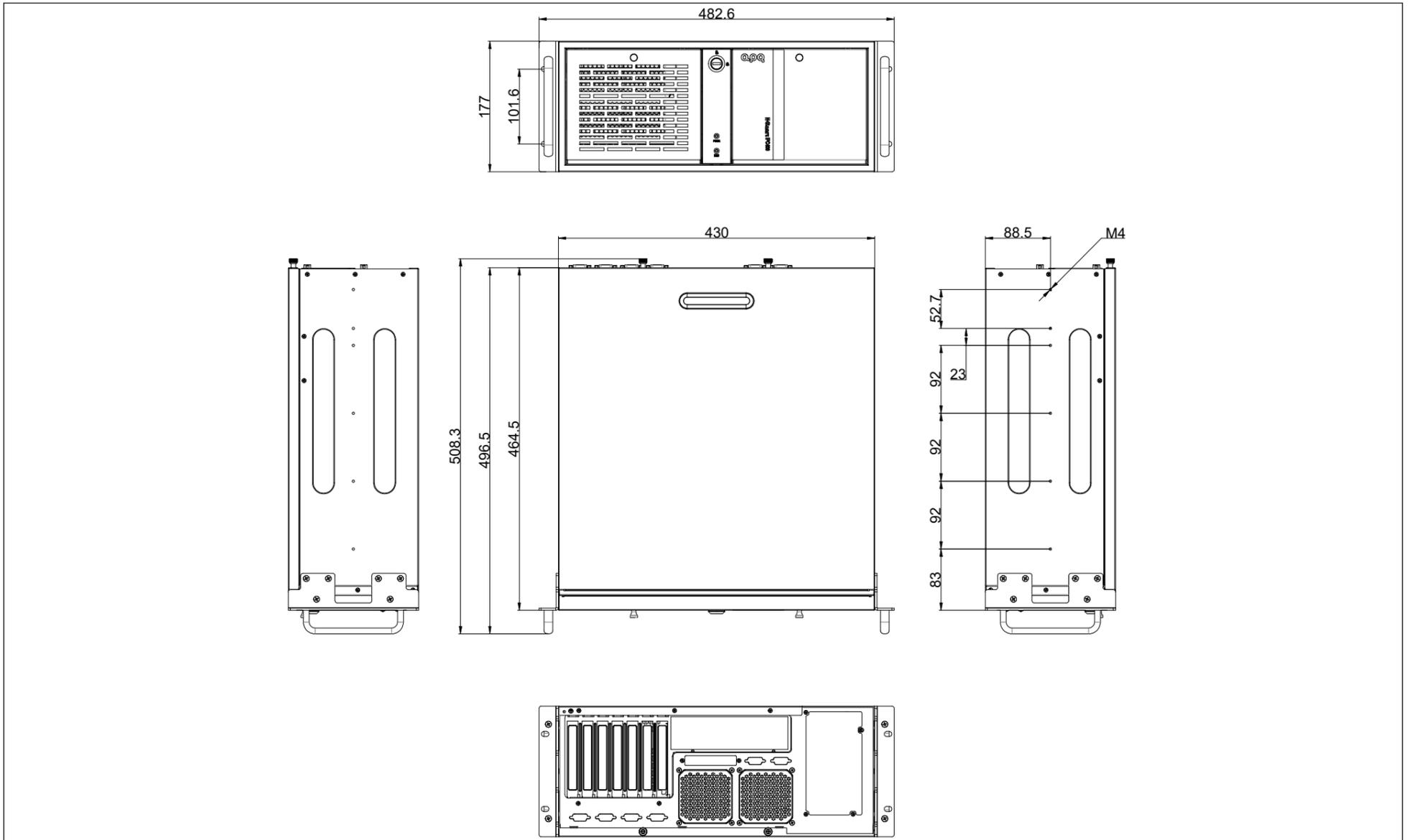


Safety Control

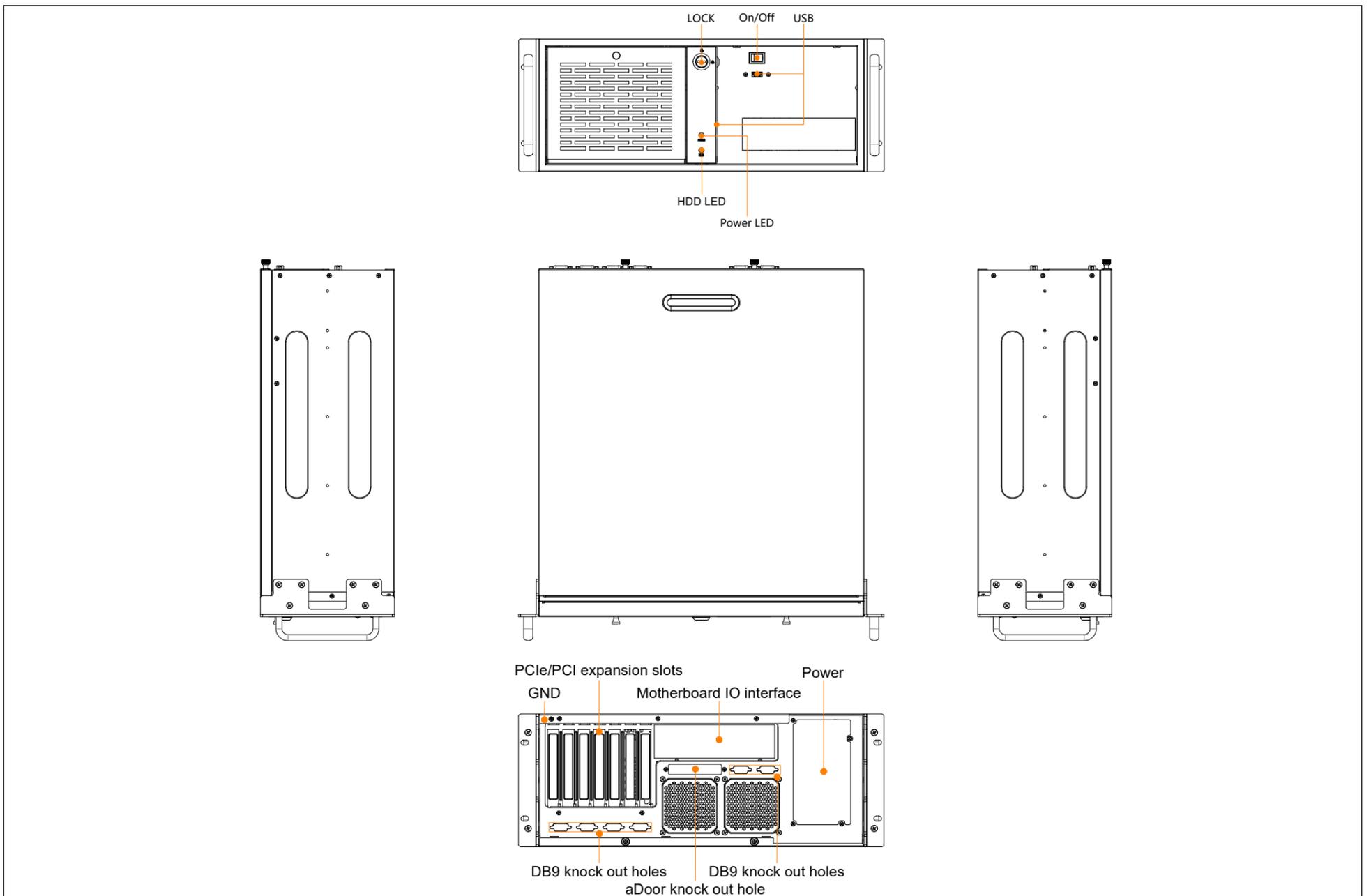
Product Specification

规格	IPC400-Q870SA2	
Processor System	CPU	Intel® Core™ Ultra Desktop Processor (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
Ethernet	Controller	1 * Intel i210-AT chip 1 * Intel i219-V chip
Storage	SATA	4 * SATA 3.0 Connector
	M.2	1 * M.2 Key-M Slot (PCIe 3.0 x4 + SATA 3.0, NVMe/ SATA SSD Auto, 2242/2280)
Expansion Slots	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 x4signal)
	PCI	1 * PCI slot
M.2	1 * M.2 Key-Eslot (PCIe Gen 4 x1 + USB 2.0, 2230)	
Rear I/O	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)	
Front I/O	USB	2 * USB 2.0 Type-A
	Button	1 *Power Button
	LED	1 * Power status LED 1 * Hard drive status LED
Internal Interfaces	USB	2 * USB 2.0(Type-A)
	COM	3 * RS232 (COM2/5/6)
		1 * RS232/RS485/RS422 (COM3)
		1 * RS232/RS485 (COM4)
	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)	
Power Supply	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
OS Support	Windows	Win 10/11
	Linux	Linux
Platform	TPM	fTPM, optional dTPM2.0
Watchdog	Output	System Reset
	Interval	Programmable 1 ~ 255 sec
Mechanical	Enclosure Material	SGCC
	Dimensions	482.6mm(L) * 464.5mm(W) * 177mm(H)
	Mounting	Shelf mounted installation
Environment	Heat Dissipation System	PWM fan cooling
	Operating Temperature	0 ~ 50°C
	Storage Temperature	-20 ~ 70°C
	Relative Humidity	10 to 95% RH (non-condensing)

Product Size



Product I/O



Motherboard Interface

