Wall-mounted Industrial Computer IPC340-Z390SA2

Features:

- Intel® 6/8/9th Core/Pentium/Celeron Desktop CPU
- Wall-mount industrial computer
- Supports standard micro ATX motherboards and ATX power supplies
- Up to 4 full-height expansion slots
- User-friendly design with front system fan
- Tool-free PCIe bracket for enhanced shock resistance
- Optional 1×3.5" + 1×2.5" drive bays
- Front USB, power switch, power and storage status indicators for easy maintenance

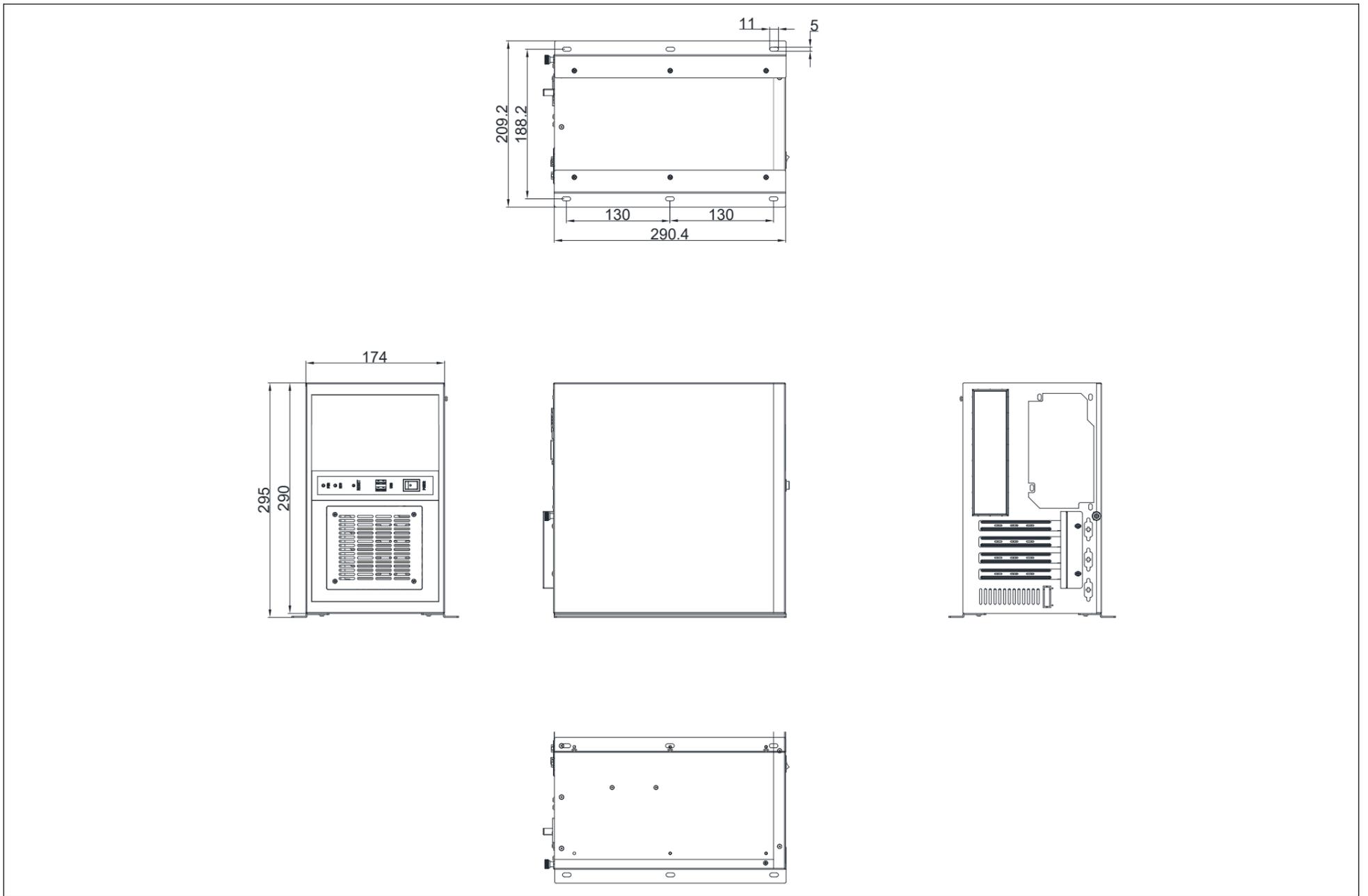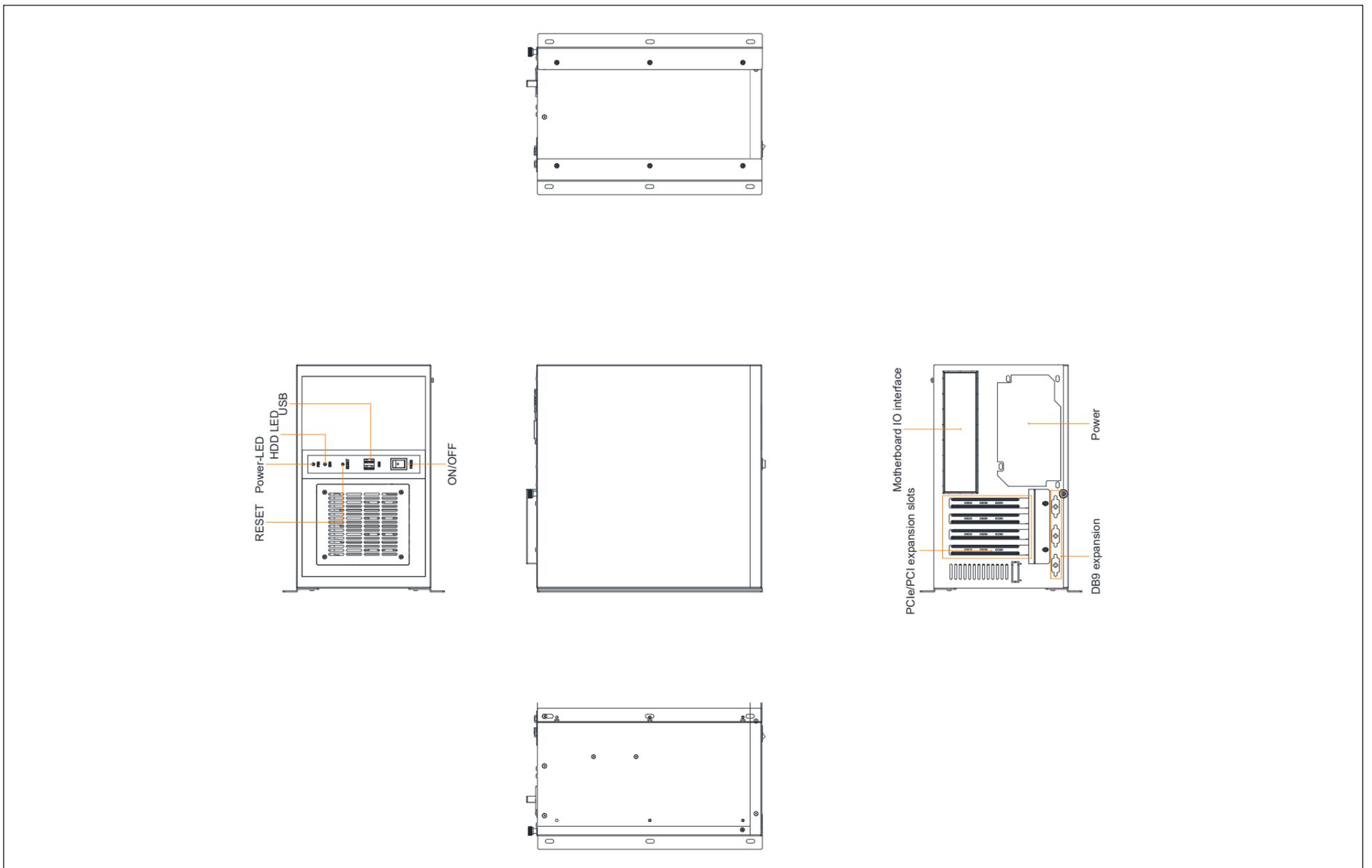Remote Management　　Condition Monitoring　　Remote Operation And Maintenance　　Safety Control

Product Specification

Model		IPC340-Z390SA2
Processor System	CPU	Intel® 6/8/9 Generation Core/Pentium/Celeron Desktop CPU
	TDP	65W
	Socket	LGA1151
	Chipset	Z390
	BIOS	AMI UEFI BIOS
Memory	Socket	2 * U-DIMM slot，Dual Channel DDR4-2400/2666 MHz
	Capacity	64GB, Single Max 32GB
Ethernet	Controller	1 * Intel i210-AT Chip 1 * Intel i219-V/LM Chip
Storage	SATA	4 * SATA 3.0 Connector
	M.2	1 * M.2 Key-M Slot（PCIe Gen 3 x4 + SATA 3.0 signal，NVMe/SATA SSD Auto Detect，2280）
Expansion Slots	PCIe	1 * PCIe x16 slot（PCIe Gen 3 x16 signal） 1 * PCIe x4 slot（PCIe Gen 3 x4 signal）
	PCI	2 * PCI slot
	Mini PCIe	1 * Mini PCIe Slot（PCIe Gen 3 x1 + USB 2.0，with 1 * SIM Card Slot）
Rear I/O	Ethernet	2 * RJ45
	USB	4 * USB 5Gbps Type-A 2 * USB 2.0 Type-A
	PS/2	1 * PS/2(Keyboard & Mouse)
	Display	1 * DVI-D: max resolution up to 1920*1200 @ 60Hz 1 * HDMI: max resolution up to 4096*2160 @ 30Hz 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 I/O	USB	1 * USB 2.0(Type-A) 2 * USB 2.0
	COM	5 * RS232（COM2/3/4/5/6）
	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	290mm(L) * 290mm(W) * 174mm(H)
	Mounting	Shelf mounted installation
Environment	Heat Dissipation System	PWM fan cooling
	Operating Temperature	0 ~ 50℃
	Storage Temperature	-20 ~ 70℃
	Relative Humidity	10 ~ 90%(non-condensing)

Product Size

Product I/O

PS/2 VGA COM i210 i219 Audio

USB 2.0 DVI HDMI USB 5Gbps

ATX Power SYS Fan M.2 Key-M LPT
FPanel SATA

U-DIMM

COM

CPU

USB 2.0

USB 2.0

Mini PCIe
CPU Fan
CPU Power
FAudio

GPIO

PCIe x16 PCI

PCI PCIe x4