Wall-mounted Industrial Computer IPC340-H340SA2

Features：

- Aluminum alloy molded chassis
- Supports Hygon C86-4G Series high-performance desktop CPUs
- ·Supports standard ITX/mATX motherboards and standard SFX power supplies
- ·Chassis supports full-height PCIe/PCI expansion slots with auxiliary fixation
- ·Supports up to 1× 3.5" and 2× 2.5" shock & vibration resistant drive bays
- Front power switch and status LEDs for easy maintenance
- Supports multi-orientation wall-mount and desktop installation

Remote Management
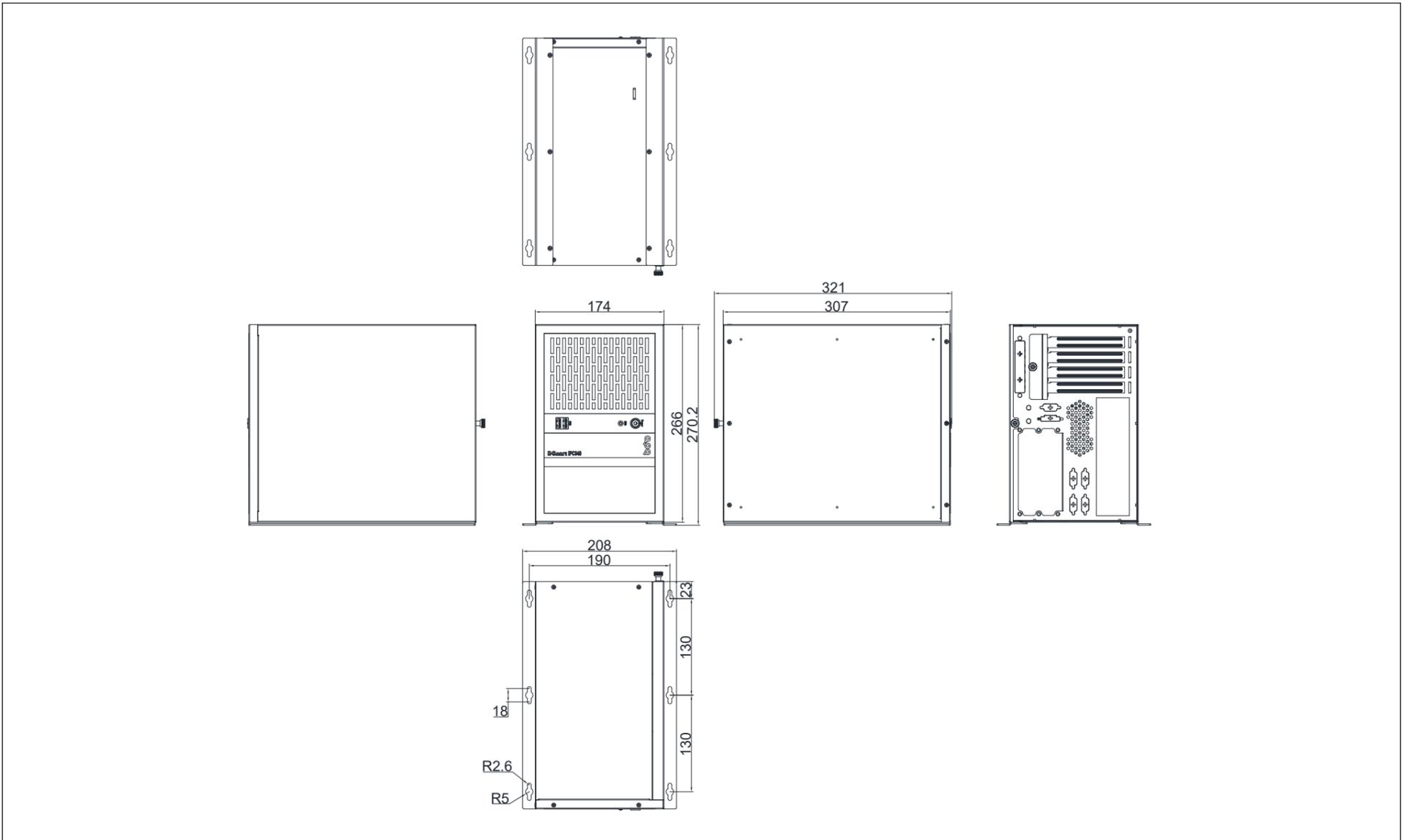Condition Monitoring
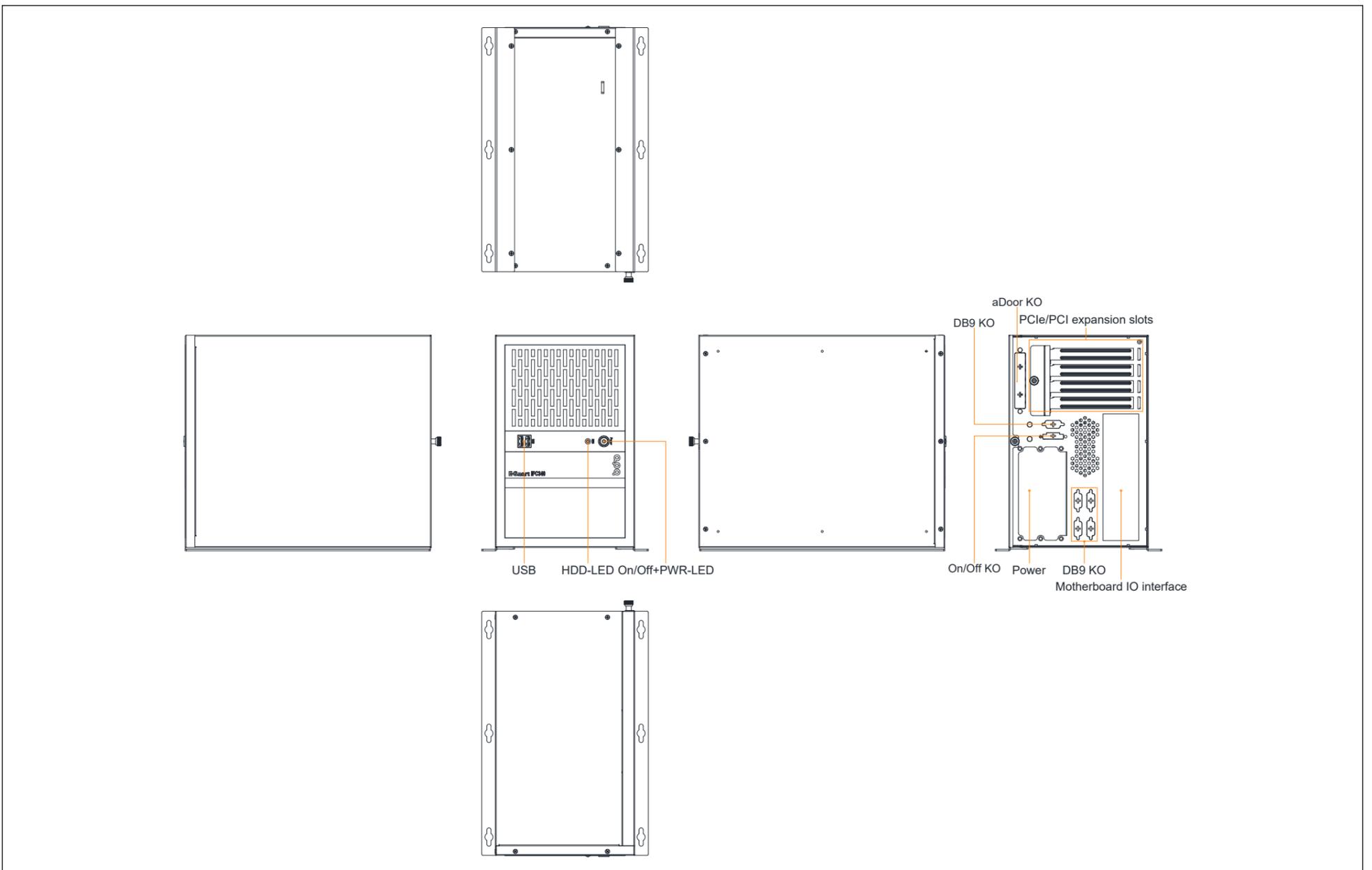Remote Operation And Maintenance
Safety Control

Product Specification

Model		IPC340-H340SA2
Processor System	CPU	Supports Hygon C86-4G Series HG-3490 processor, 16 cores / 32 threads, 2.8GHz
	TDP	135W
	BIOS	ByoSoft UEFI BIOS
Memory	Socket	4 * ECC U-DIMM Slot，Dual Channel DDR5-5200 MT/s
	Capacity	256GB, Single Max 64GB
Display	Controller	2 * Intel i210-AT Gigabit Ethernet chip
		1 * Realtek RTL8211FS Gigabit Ethernet chip
Ethernet	Controller	ASPEED AST2600 Baseboard Management Controller (BMC), supports IPMI 2.0
Storage	SATA	3 * SATA 3.0 Connector
	M.2	1 * M.2 Key-M Slot（PCIe Gen 4 x4 + SATA 3.0 Signal，NVMe/SATA SSD，2280)
Expansion Slots	PCIe	1 * PCIe x16 Slot（PCIe Gen 4 x8 Signal)
		1 * PCIe x8 Slot（PCIe Gen 4 x8 Signal)
		2 * PCIe x8 Slot（PCIe Gen 4 x4 Signal)
	Mini PCIe	1 * Mini PCIe Slot（PCIe Gen 3 x1 + USB 2.0)
Front I/O	Button	1 * Power Button+Power status LED
	LED	1 * Hard drive status LED
	USB	2 * USB 2.0 (Type-A)
Rear I/O	Ethernet	3 * RJ45
	USB	2 * USB 5Gbps (Type-A)
		2 * USB 2.0 (Type-A)
	Display	1 * VGA：max resolution up to 1920*1200 @ 60Hz
	Serial	1 * RS232 DB9/M（COM1)
	Button	1 *Power Button
Internal I/O	USB	2 * USB 5Gbps(Type-A)
		2 * USB 5Gbps
	Serial	1 * RS232（COM2)
	GPIO	1 × 8-channel digital input/output header (default: 4 inputs, 4 outputs)
	SATA	3 * SATA Connector
	FAN	2 *SYS FAN (Header)
		1 * CPU FAN (Header)
Power Supply	Type	SFX
	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	Kylin KOS, UnionTech UOS
Watchdog	Output	System Reset
	Interval	Programmable 1～255 sec
Mechanical	Enclosure Material	SGCC
	Dimensions	266mm(L) * 321mm(W) * 174mm(H)
	Mounting	Shelf mounted installation Desktop
Environment	Heat Dissipation System	PWM fan cooling
	Operating Temperature	0～50℃
	Storage Temperature	-20～70℃
	Relative Humidity	10～90%(non-condensing)

Product Size

321
307
174
266
270.2
208
190
23
130
18
130
R2.6
R5

Chassis Interfaces

aDoor KO
DB9 KO
PCIe/PCI expansion slots

USB   HDD-LED On/Off+PWR-LED

On/Off KO   Power   DB9 KO
Motherboard IO interface

Motherboard Interface

RTL8211FS

USB 5Gbps

VGA

COM

USB 2.0

i210

PWR

ATX Power

Fan

USB 5Gbps

M.2 Key-M

USB 2.0

Fan

CPU Power

SATA

Mini PCIe

U-DIMM

CPU

FPanel

GPIO

COM

PCIe x16 (x8)

PCIe x8 (x4)

PCIe x8 (x4)

PCIe x8