



## Features:

- Aluminum alloy molded chassis
- Supports Phytium Tengrui D 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

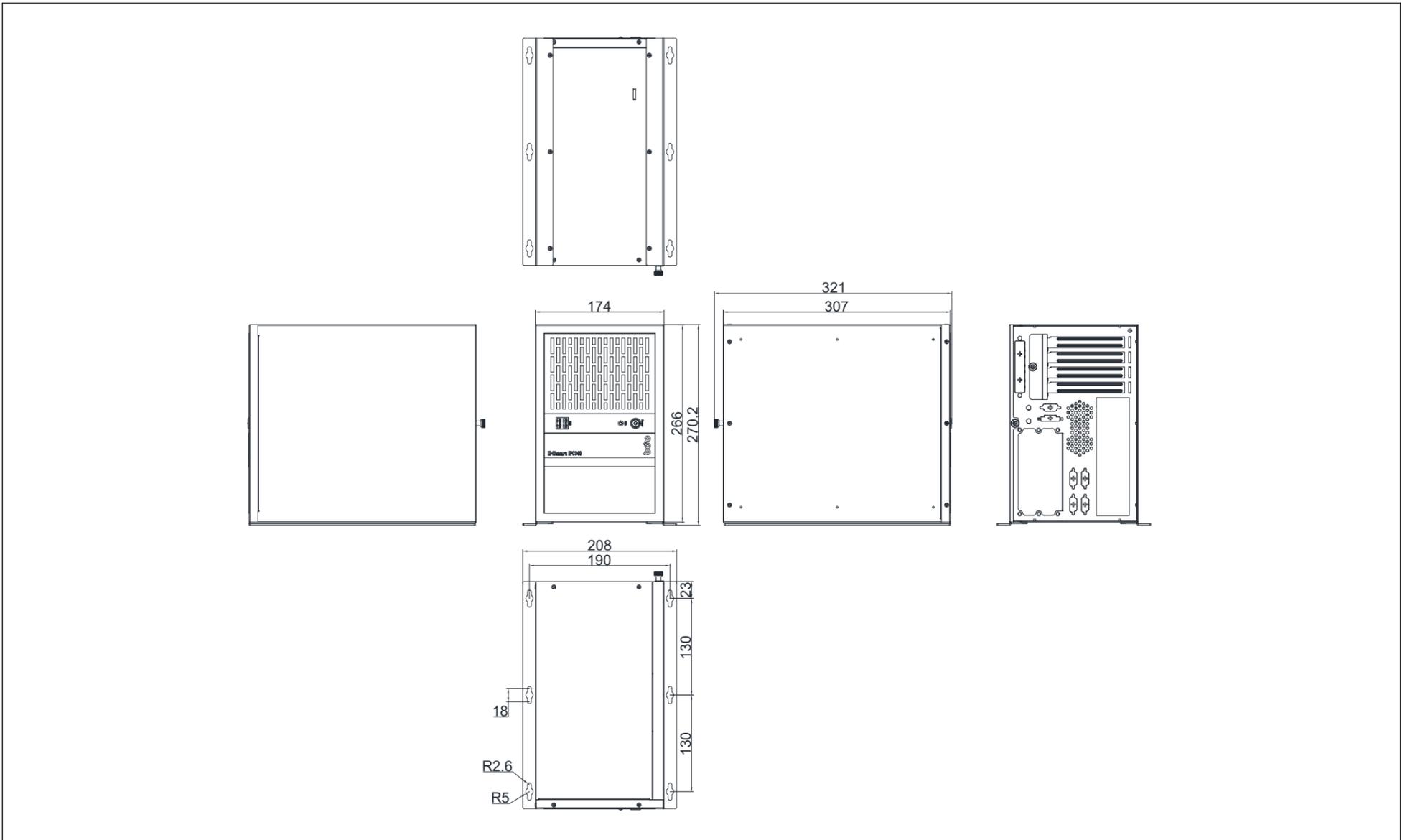


Safety Control

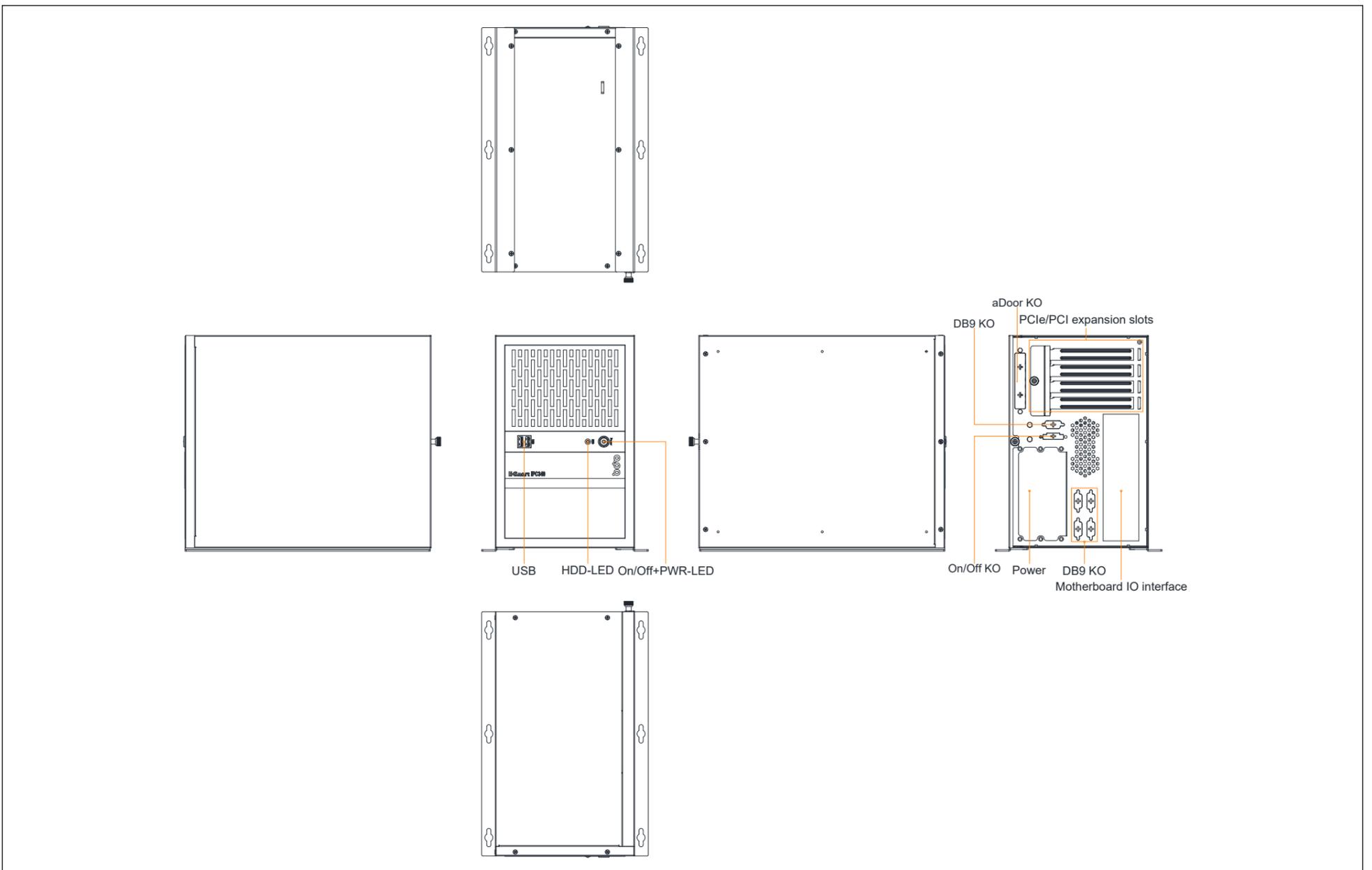
## Product Specification

Model	IPC340-D300SA2	
Processor System	CPU	Supports Phytium Tengrui D3000 high-performance desktop CPU, 8 cores, 2.5GHz
	TDP	30W
Memory	Socket	2 * U-DIMM Slot, Dual Channel DDR5-5600 MT/s
	Capacity	64GB, Single Max32GB
Display	Controller	2 * Yutaiwei YT8531-SC Gigabit Ethernet chip
Ethernet	SATA	2 * SATA 3.0 Connector
	M.2	1 * M.2 Key-M Slot (PCIe Gen 3 x4 Signal, NVMe SSD, 2280)
Storage	PCIe	1 * PCIe x16 Slot (PCIe Gen 3 x16 Signal)
	Mini PCIe	1 * Mini PCIe Slot (PCIe Gen 3 x1 + USB 2.0 Signal, With 1 * SIM Card Slot)
Expansion Slots	Button	1 * Power switch button + Power status LED
	LED	1 * HDD status LED
	USB	2 * USB 2.0 Type-A
Rear I/O	Ethernet	2 * RJ45
	USB	6 * USB 5Gbps (Type-A) 2 * USB 2.0 (Type-A)
	Audio	2 * 3.5mm (Line-out + MIC)
	Serial	3 * RS232 DB9/M (COM1/2/3)
	Button	1 * Power Button
	LED	1 * Power status LED 1 * Hard drive status LED
Front I/O	Serial	3 * RS232 (COM4/5/6)
	Audio	1 * Front Audio (Line-Out + MIC)
	GPIO	1 × 8-channel digital input/output header (default: 4 inputs, 4 outputs)
	SATA	2 * SATA Connector
	FAN	1 * 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	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°C
	Storage Temperature	-20 ~ 70°C
	Relative Humidity	10 ~ 90%(non-condensing)

Product Size



Chassis Interfaces



Motherboard Interface

