

Features:

- Aluminum alloy molded chassis
- Supports Phytium Tengrui D Series high-performance desktop CPUs
- Fits standard ITX motherboards, supports standard 1U Battery Power
- Optional riser card for 2*PCI or 1*PCIe X16 expansion
- 1×2.5" (7mm) shock & vibration-resistant drive bay
- 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

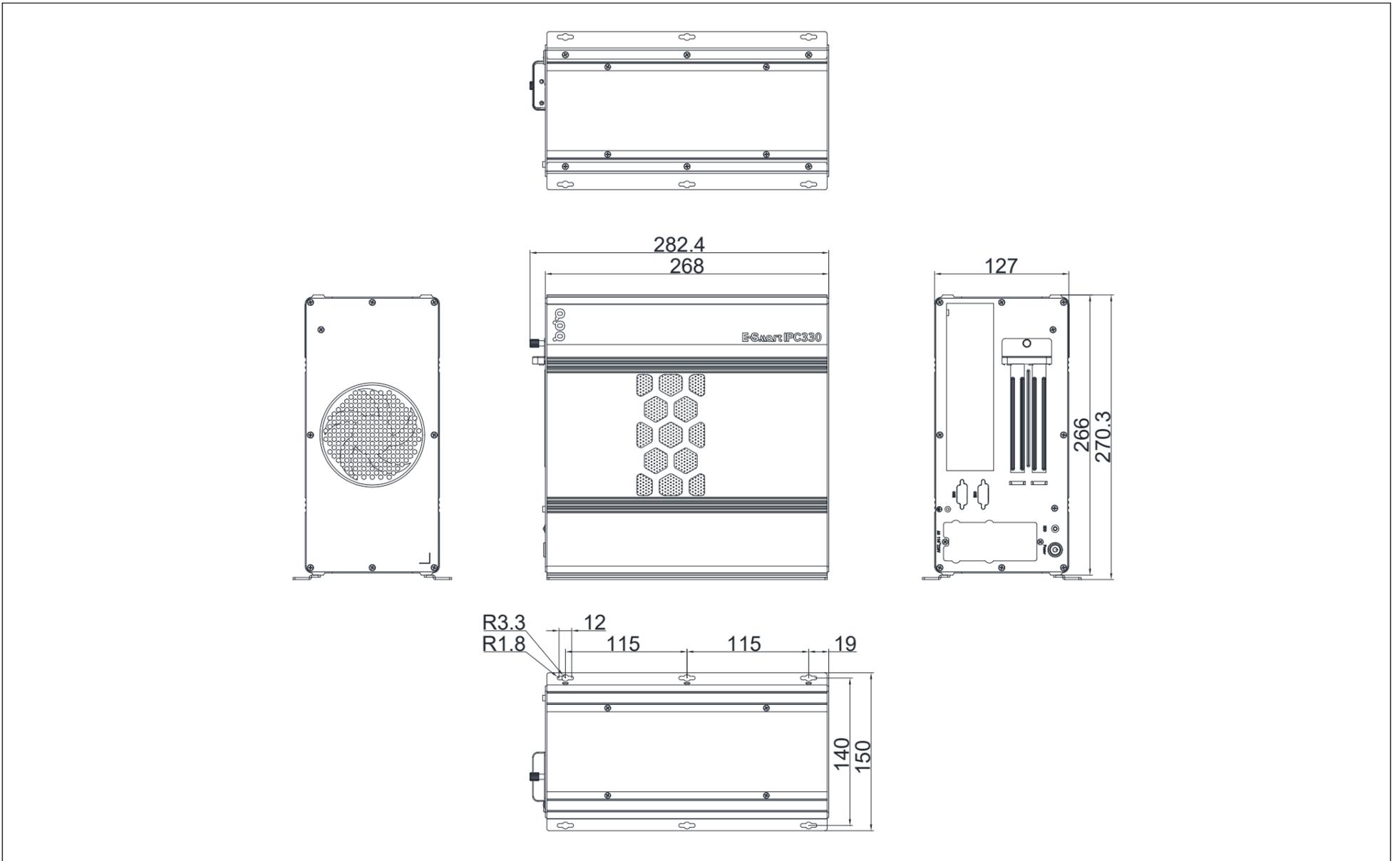


Safety Control

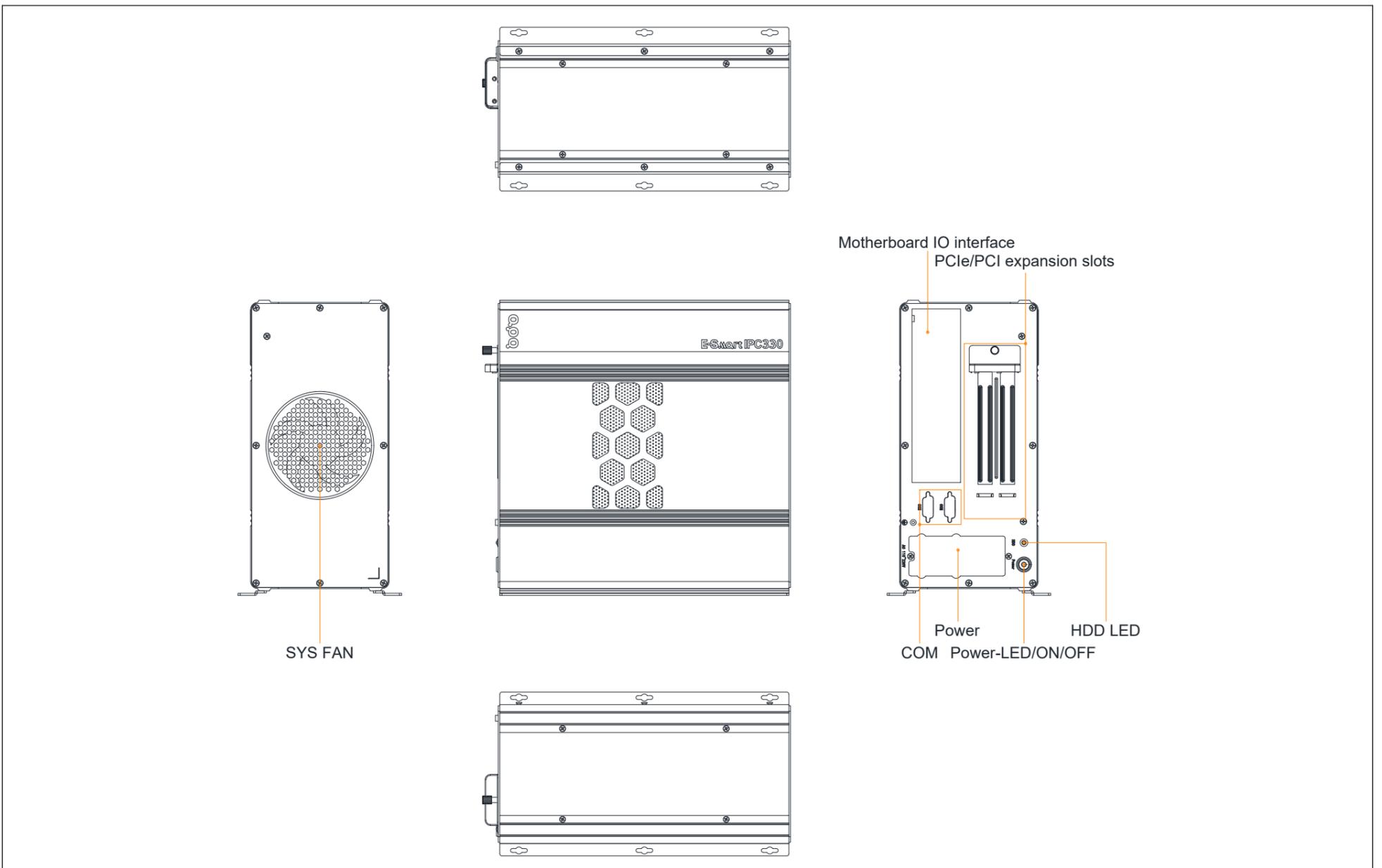
Product Specification

Model	IPC330D-D300SA2	
Processor System	CPU	Supports Phytium Tengrui D2000 high-performance desktop CPU, 8 cores, 2.3GHz
	TDP	25W
Memory	Socket	2 * U-DIMMSlot, Dual Channel DDR4-2666 MHz
	Capacity	32GB, Single Max 16GB
Ethernet	Controller	2 * Realtek RTL8111KI Gigabit Ethernet chips
Storage	SATA	3 * SATA 3.0 Connector
	mSATA	1 * mSATA slot (SATA 3.0 signal, mSATA SSD)
Expansion Slots	PCIe	1 * PCIe x16 Slot (PCIe Gen 3 x16 signal, optional)
	PCI	2 * PCI Slot (optional)
	Mini PCIe	1 * Mini PCIe Slot (PCIe Gen 2 x1 + USB 2.0 signal, with 1 * SIM Card Slot)
Front I/O	Ethernet	2 * RJ45
	USB	8 * USB 5Gbps (Type-A) 2 * USB 2.0 (Type-A)
	Audio	2 * 3.5mm Jack (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
Internal I/O	USB	2 * USB 2.0
	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	3 * SATA Connector
	FAN	1 * SYS FAN (Header) 1 * CPU FAN (Header)
Power Supply	Type	1U
	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) * 268mm(W) * 127mm(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

