Wall-mounted Industrial Computer IPC330Q-H610SA5

apq 工业智能体服务商

Features：

- Aluminum alloy molded chassis
- Intel® 12~14th Core/Pentium/Celeron Desktop CPU
- Fits standard ITX motherboards, supports standard 1U Battery Power
- Optional riser card for 1*PCIe X16+1* PCIe X4+1* PCI expansion
- Standard 2*2.5" 15mm shock & impact-resistant drive bay
- Front power switch and status LEDs
- Supports multi-orientation wall-mount and desktop installation

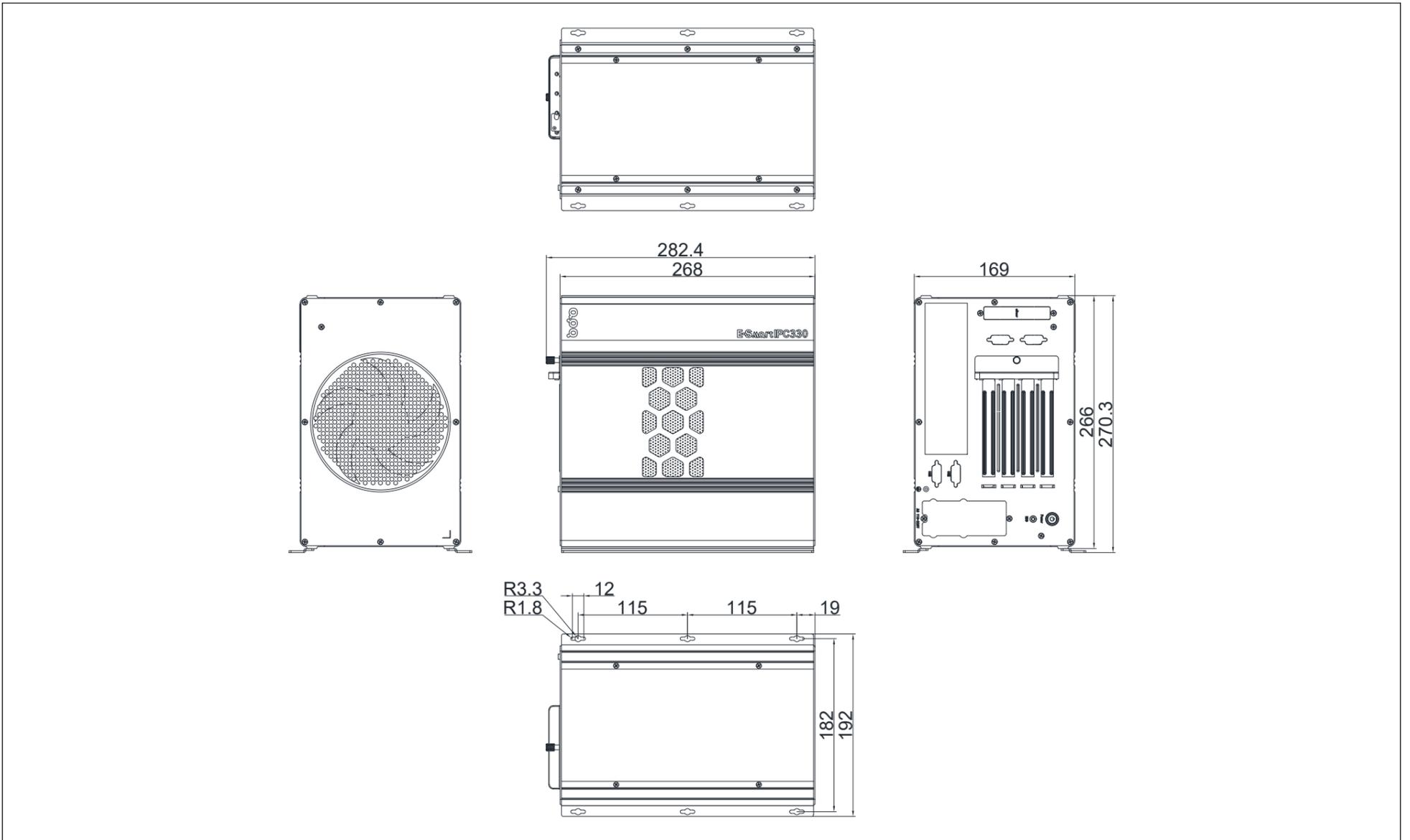Remote Management　　Condition Monitoring　　Remote Operation And Maintenance　　Safety Control
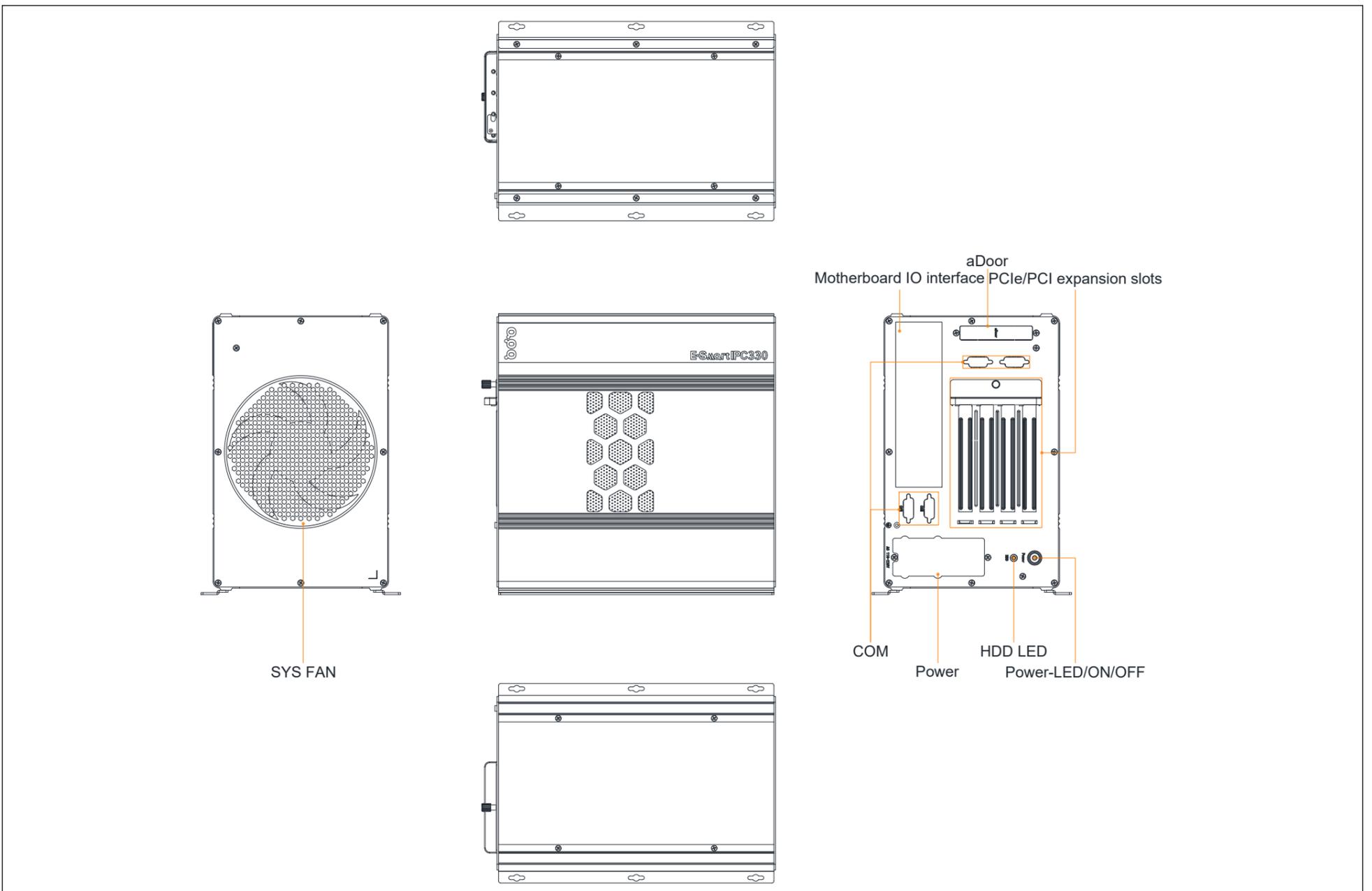
Product Specification

Model		IPC330Q-H610SA5
Processor System	CPU	Intel® 12~14th Core/Pentium/Celeron Desktop CPU
	TDP	65W
	Socket	LGA1700
	Chipset	H610
	BIOS	AMI UEFI BIOS
Memory	Socket	2 * U-DIMM Slot，Dual Channel DDR4-3200 MHz
	Capacity	64GB, Single Max 32GB
Ethernet	Controller	1 * Intel i219-V/LM Chip 4 * Intel i210-AT Chip
Storage	SATA	2 * SATA 3.0 Connector
	M.2	1 * M.2 Key-M Slot (SATA 3.0 Signal，SATA SSD，2280)
Expansion Slots	PCIe	1 * PCIe x16 Slot（PCIe Gen 3 x16 Signal，optional） 1 * PCIe x4 Slot（PCIe Gen 2 x1 Signal，optional）
	PCI	1 * PCI Slot（optional）
	Mini PCIe	1 * Mini PCIe Slot（USB 2.0 signal，with 1 * SIM Card Slot）
Front I/O	Ethernet	5 * RJ45
	USB	4 * USB 5Gbps Type-A 2 * USB 2.0 Type-A
	COM	2 * RS232/RS422/RS485 DB9
	Display	1 * HDMI: max resolution up to 4096*2160 @ 30Hz 1 * VGA: max resolution up to 1920*1200 @ 60Hz
	Switch	1 *Power switch header
Internal I/O	COM	2 * RS232（COM3/4）
	USB	2 * USB 2.0
	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	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	Windows	Win 10/11
	Linux	Linux
Platform	TPM	fTPM
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℃
	Storage Temperature	-20 ~ 70℃
	Relative Humidity	10 ~ 90%(non-condensing)

Product Size

282.4
268

E-SmartIPC330

169

266
270.3

R3.3
R1.8
12
115 115 19

182
192

Chassis Interfaces

E-SmartIPC330

aDoor
Motherboard IO interface PCIe/PCI expansion slots

SYS FAN

COM
Power
HDD LED
Power-LED/ON/OFF

i210 **i219** **USB 2.0** **VGA**

COM **USB 5Gbps** **USB 5Gbps** **USB 2.0** **On/Off**

U-DIMM **FAudio**

SYS Fan **GPIO**

FPanel
USB 2.0

COM **CPU**
 Mini PCle

ATX Power
CPU Power **PCle x16+PCle x2+PCle x1**
SATA
 CPU Fan

M.2 Key-M