

AIO--BM series manual

Version: 4.0

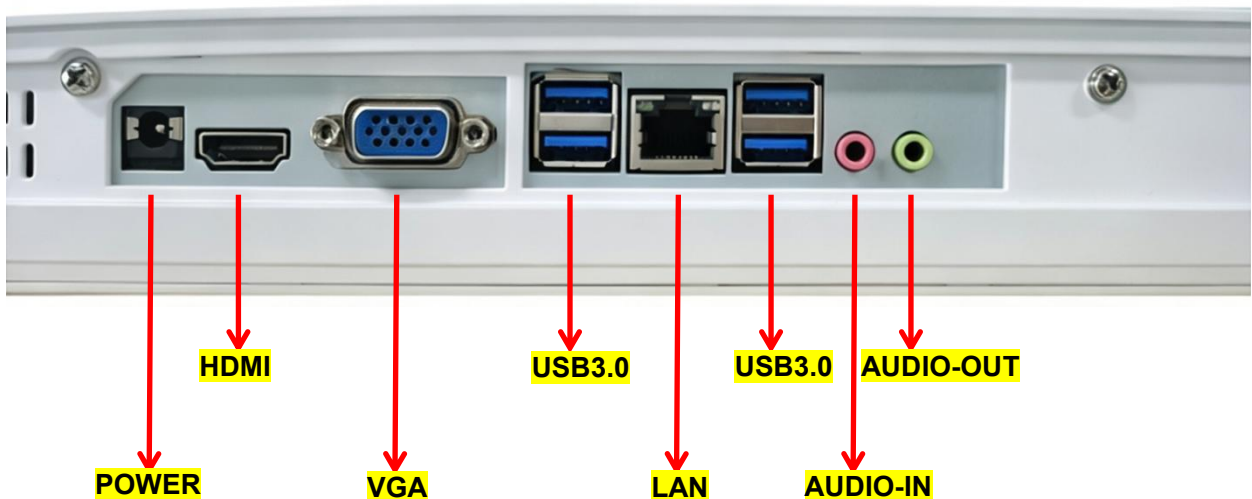
Matters need attention

1. Before use, please read the instructions in detail to avoid damage caused by misoperation;
2. Please place the all-in-one pc in an environment of $0^{\circ}\text{C} \leq \text{working environment} \leq 40^{\circ}\text{C}$ and 85%RH to avoid damage caused by overcooling, heat or moisture;
3. Please confirm that the all-in-one pc is placed in a suitable position. If it needs to be installed on the wall or suspended from the ceiling, please install it under the guidance of professionals;
4. Avoid exposing all-in-one pcs directly to sunlight and other heat sources;
5. Do not put anything into the all-in-one pc to avoid blocking the cooling and ventilation ports of the all-in-one pc;
6. Do not hang anything on the power cord, and do not make the power cord tangled together;
7. Do not overload the external link plug on the wall to avoid fire or electric shock;
8. Use a dry, soft cloth (without volatile substances) to wipe the all-in-one pc;
9. In the case of thunderstorms (especially when there is lightning), please unplug the power plug;
10. If your all-in-one pc is broken, please do not repair it yourself, please contact professional maintenance personnel;
11. The all-in-one should not be exposed to water droplets or splashes, and items such as vases containing liquids should not be placed on the equipment;
12. If this product is not in use for a long time, please unplug the power plug.

Chapter 1 Front view of the all-in-one pc

(The pictures in this article are for reference only.
Some details will be adjusted according to the actual situation.)

Appearance display



Chapter 2 Introduction of product parameters

Product model		AIO-BX series-23.8 inch
LCD	Resolution ratio	1920*1080@75Hz
	Screen ratio	89%
	View Angle	H/V178°/178°
	Luminance	250cd/m²
	Contrast ratio	3000:1
	Screen ratio	16:9
	Display color	16.7M colors
Surface	The color of the body	White/Black
	Panel interface	Preferential USB3.0*2
	Power Button	1*Power Button
	Reset Button	1*Reset Button
Motherboard parameters	Size	Intel Thin Mini ITX 17cm x 17cm
	Model	Intel Alder/Raptor Lake-H45
	Chip set (CPU)	I5-1235U
	Graphics	Intel® UHD Graphics
	Memory	2*SO-DIMM DDR4,max to 64GB,dual-channel,3200MHz frequencies
	Storage	M.2(2280) for(pcie3.0 x4/SATA3.0)SSD
	Network (LAN)	Realtek RTL8111H Gigabit Ethernet
	System support	Support Windows/Linux
	Audio (Audio)	1* MIC-IN, 1*AUDIO-OUT
	Internal I/O interface	M.2: 1*M.2(2280)SSD,1*M.2(2230)for WIFI/BT USB: 4*USB2.0 2 group 9pin, 1*USB2.0 4pin LVDS: 1* LVDS 30pin, 1* INVENTER 8pin ,1* LCD, _VDD_SEL 6pin, 1*INV_VOT_SEL 4pin COM: 1*COM 9pin Audio: 1* Speaker 4pin, 1 x F_Audio 9 SATA: 1*SATA for HDD/SSD, 1*HDD_PWR 4pin CLR_CMOS : 1*3pin Others : 1*MON_SW 5pin, 1*click mute/1*click screen off/volume adjustment ,1*SYS_FAN 4pin
	Backplane interface	1*DC-IN 19V 1*HDMI2.0(4K/60Hz) 1*COM/VGA(choose one of the two) 1*RJ45 (1000M) 4*USB3.2 GEN1 (5G) 1*AUDIO IN , 1*AUDIO OUT
	External environment	0℃ ~ 45℃ at 0.7m/s Air Flow 95%@40℃(non-condensation)
	Condition of storage	Temperature-20℃-+60℃ Humidity 5%-90% (non-condensation)
Other accessories	Radiator + fan	Heater + 7015 fan (aluminum sheet)
	Built-in speaker	4Ω,3W*2
	Constant current board	260MA
	Dual eight screens	LVDS flat ribbon screen cable with ground wire
	Shield Cover	Size: 276.2*203.7*0.7MM galvanized sheet
Packing		60.5*15.5*48.5cm