

Embedded Edge AI Box PC

- ✧ Delivering unprecedented AI performance
- ✧ Performance up to 26 TOPS (tera-operations per second)
- ✧ Improve the performance and analysis capabilities of surveillance image recognition.
- ✧ Perfect match for smart security, smart manufacturing, smart agriculture, smart transportation and other fields.
- ✧ Small form-factor PC box to connect three display monitors.
- ✧ Multi-Powered input/output ports for more robust computing operations.
- ✧ Embedded IoT Box PC Fan-less Box PC.
- ✧ DDR4 memory for better expansion and performance.



Features



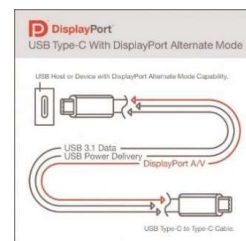
6pcs COM ports for more extended functions



Remote PWR Switch



Two USB C DP Alternate Mode and PD



Specifications

CPU	FCBGA1264	Alder Lake-N, i3 N305 (8C/32EU, Up to 3.8GHz, 15W)
AI acceleration	M.2 2230 e Key PCIe	26 TOPS
Memory	SO-DIMM	1 x DDR4, Up to 16GB
Storage	m.2 NVMe (PCIe)	1 x m.2 2280 M-key slot
Interface	C/D / DIO	C/D RJ-12 Type, support 12V or Bypass DC-IN 19V /24V Voltage by Jumper
Interface	DC-IN Voltage Range	DC 12-24V and support screw lockable 5.5 x 2.5mm DC Plug
	Audio Connector	1 x 3.5 mm headphone and microphone combo jack
	USB C	2 x Type C with Alternate mode (DP) and PD (PD is an option that supports max. total 60W)
	COM	2 x RS232 (RJ-50) Pin 9: Ring/5V/12V select by BIOS and option 2 x RS232 (DB9), 2 x RS232/RS422/RS485 (DB9)
	USB	6 x USB3.0
	Display	1 x HDMI and 2x USB Type-C Alternate mode (up to three display monitors)
	LAN	2 x 2.5G LAN (RJ-45) Intel 226V
Environmental	Operating temperature	0~50°C (32~122°F)
	Storage temperature	-20~85°C (-4~185°F)
	Relative Humidity	5~95%@40°C
	Vibration	IEC 60068-2-64 (with SSD: 3Grms STD, random, 5 to 500 Hz, 1hr/axis)
	Shock	With M.2/SSD: 50G, half sine, 11ms, IEC60068-2-27
Others	Accessory (Option)	Optional 60W,90W,130W AC adapter Optional RJ50 to DB9 convert cable (COM Port) Wall mount, rack mount
	TPM	TPM2.0
	Power Switch	1 x Power On/Off rocker switch
	Remote Power Switch	Connector for extended switch
	LED	Power indicator (Green)
	VESA Holes	Support 75mm x 75mm
	Dimension	Box PC only: 250*120*43mm (9.84*4.72*1.69 inch) Box PC with rubber foot: 250*120*46.96mm (9.84*4.72*1.85 inch)
	Weight	1.94kg / 4.28lb
	Operating System	Microsoft Window 10, 11 , Linux 4.0 Kernel such as ubuntu 20.04.5

I/O Interface

