

Embedded Edge AI Box PC

- ✧ Advanced AI acceleration technology
- ✧ Performance up to 13~26 TOPS
- ✧ Face/object recognition and people counting solutions.
- ✧ Improve the performance and analysis capabilities of surveillance image recognition.
- ✧ 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



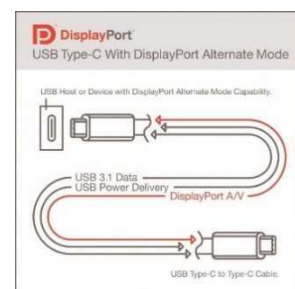
6pcs COM ports for more extended functions



Remote PWR Switch



Two USB C DP Alternate Mode and PD



Specifications

CPU	FCBGA1264	Alder Lake-N, N97 (4C/24EU, Up to 3.6GHz, 12W) Alder Lake-N i3-N300 (8C/32EU, Up to 3.8GHz, 15W)	
AI acceleration	M.2 2230 e Key PCIe	N97 13 TOPS N300 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	
	Accessory (Option)	Optional 60W,90W,130W AC adapter Optional RJ50 to DB9 convert cable (COM Port) Wall mount, rack mount	
	Others	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*34.9mm (9.84*4.72*1.37 inch) Box PC with rubber foot: 250*120*38.9mm (9.84*4.72*1.53 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

