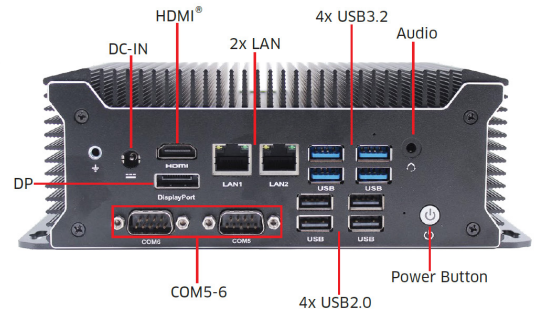


WBP-12N2 series

Intel® 12th Gen Alder Lake-N Series based
Embedded Fanless BOX-PC

Features

- Intel®12th Gen Alder Lake/Raptor Lake U Series Processor
- Single Channel SO-DIMM DDR4 up to 32 GB
- Intel Integrated Graphics, display via HDMI®+DP
- 2x Intel® i210 10/100/1000Mbps
- SATA3.0, mSATA
- M.2 for WiFi
- 9V-35V DC Input



Embedded BOX-PC

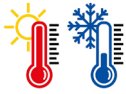
4U SETUP PC

3U SETUP PC

2U SETUP PC

Panel PC

Touch Monitor



Specifications

Material Chassis	Aluminum Alloy Shell	
Colour	Black	
Dimensions (W x H x D)	205mm x 125mm x 70.5mm	
Cooling	FANLESS Passive	
Power Adapter	19V/3.42A AC-DC Power Adapter	
Power Input	9-35V DC Input	
Processors	Core i3-N305 8 Cores / 8 Threads	N97 4 Cores
Chipset	Integrated with Intel® SoC	
Memory	Single Channel SO-DIMM DDR4 3200MHz up to 32GB	
Storage	1x mSATA for SSD/4G Module 1x SATA3.0 for 2.5-inch HDD	
BIOS	AMI UEFI BIOS	
Display Controller	Integrated Intel® UHD Graphics 1x HDMI2.0 1xDP	
Ethernet Controller	2x Intel® i210	
Serial	4x RS232 2x RS485(COM5,COM6)	
USB	4x USB2.0 4x USB 3.2	
AUDIO	Realtek HD 1xCTIA 2-in-1 Audio Jack	
GPIO	8-bit GPIO	
Expansion Slot	1x M.2_E for Wi-Fi, support Intel® Integrated Connectivity (CNVi)	
Wired Control	Ext Power on/off Control	
Watchdog Timer	Software Programmable Supports 0~255 sec. System Reset	
Environment	Operating Temperature: -20~60° C Storage Temperature : -40~80° C Operating Humidity : 5%~95%@40° C, non-condensing	
OS	Win10/11 64bit, Linux(Support by request)	
EMC	3C,FCC, CE, RoHS compliance	

Ordering Information

Model name	Description
WBP-12N2-N97	FANLESS BOX-PC with Intel N97, HDMI+DP, 2x GbE LAN, 6xCOM ports, 8-bit GPIO, 4x USB 3.2, 9-30V DC Input
WBP-12N2-i3-N305	FANLESS BOX-PC with Intel i3-N305, HDMI+DP, 2x GbE LAN, 6xCOM ports, 8-bit GPIO, 4x USB 3.2, 9-30V DC Input

Optional Accessories

Item	Description
	If you need to buy processors, HDD/SSD, power Adapter, system memory and other accessories, please contact us.