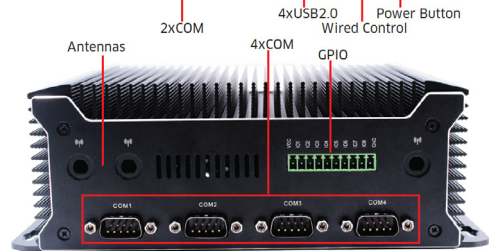
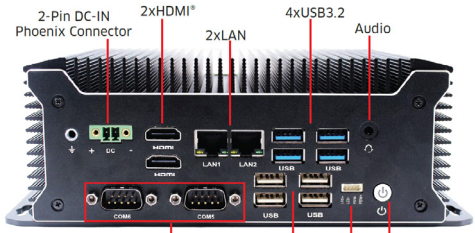


# WBP-12U2 series

Intel® 12th Gen Alder Lake/Raptor Lake U Series Processor Embedded Fanless BOX-PC

## Features

- Intel® 12th Gen Alder Lake/Raptor Lake U Series Processor
- Dual Channel SO-DIMM DDR4 up to 64 GB
- Intel® Integrated Graphics, display via 2xHDMI®
- 1x Intel® i210+1x Intel® i219 10/100/1000Mbps SATA, M.2\_2242 for SATA/4G, M.2\_2280 for NVMe
- 1x M.2 for Wi-Fi
- 9V-35V (2-Pin DC-IN Phoenix Connector)



i3-1215U SKU FANLESS BOX-PC



i7-1255U / i5-1235U SKU with System FAN

## Specifications

Material Chassis	Aluminum Alloy Shell		
Colour	Black		
Dimensions (W x H x D)	205mm x 125mm x 70.5mm		
Cooling	i7-1255U and i5-1235U with System FAN i3-1215U FANLESS		
Power Adapter	19V/3.42A AC-DC Power Adapter		
Power Input	DC9-35V Input		
Processors	<b>i7-1255U, 10 Cores /12Threads</b>	<b>i5-1235U 10 Cores / 12 Threads</b>	<b>i3-1215U 6 Cores / 8 Threads</b>
Chipset	Integrated with Intel® SoC		
Memory	Dual Channel SO-DIMM DDR4 3200MHz Up to 64GB		
Storage	1x M.2_2242 for SATA SSD/4G Module 1x M.2_2280 for NVMe SSD 1x SATA3.0 FPC Interface		
BIOS	AMI UEFI BIOS		
Display Controller	Integrated Intel® UHD Graphics/Iris® Xe Graphics eligible 2x HDMI2.0		
Ethernet Controller	1x Intel® i210 1x Intel® i219		
Serial	6xCOM: default 6*RS232. The COM1_2 can be set as RS485/RS422 in BIOS The COM5, COM6 are 2-wire serial communication		
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 for Wi-Fi, support PCIE & 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-12U2-i3-1215U	FANLESS BOX-PC with Intel i3-1215U, 2xHDMI, 2x GbE LAN, 6xCOM ports, 8-bit GPIO, 4x USB 3.2, 9-30V DC Input
WBP-12U2-i5-1235U	BOX-PC with Intel i5-1235U, 2xHDMI, 2x GbE LAN, 6xCOM ports, 8-bit GPIO, 4x USB 3.2, 9-30V DC Input, <b>with System FAN</b>
WBP-12U2-i7-1255U	BOX-PC with Intel i7-1255U, 2xHDMI, 2x GbE LAN, 6xCOM ports, 8-bit GPIO, 4x USB 3.2, 9-30V DC Input, <b>with System FAN</b>

## Optional Accessories

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