

WBP-12U3 series

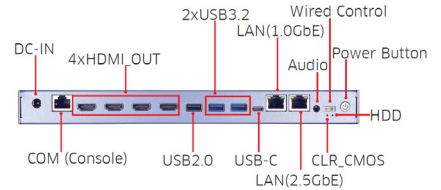
Intel® Alder Lake/Raptor Lake-U Processor based
Mini PC Support 4HDMI_OUT plus 1HDMI_IN for multiple displays

Features

- Intel® 12/13th Gen Alder Lake/Raptor Lake U Series Processor
- Dual Channel SO-DIMM DDR4 up to 64 GB
- Integrated Intel® UHD/Iris® Xe Graphics
- 10/100/1000/2500Mbps
- M.2 Slot for NVMe/SATA SSD, M.2 Slot for NVMe SSD
- 2xLAN, 1xCOM, 2xUSB3.2, 1xUSB2.0, 1xUSB-C, SIM, 4xHDMI_OUT, 1xHDMI_IN, Wired Control
- 19V DC-in/ Phoenix 2-pin Optional



HDMI_IN (Available on the Core i7-1255U/1355U only.)



Specifications

Material Chassis	All-aluminum metal chassis		
Colour	Silvery		
Dimensions (W x H x D)	280mm x 195mm x 28mm		
Cooling	Passive		
Power Adapter	Optional		
Power Input	DC19V Input		
Processors	i7-1255U 10 Cores /12Threads i7-1355U 10 Cores /12Threads	i5-1235U 10 Cores / 12 Threads i5-1335U 10 Cores / 12 Threads	i3-1215U 6 Cores / 8 Threads i3-1315U 6 Cores / 8 Threads
Chipset	Integrated with Intel® SoC		
Memory	Dual Channel SO-DIMM DDR4 3200MHz Up to 64GB		
Storage	1x M.2_2280 Slot for NVMe/SATA SSD 1x M.2_2280 Slot for NVMe SSD		
BIOS	AMI UEFI BIOS		
Display Controller	Integrated Intel® UHD Graphics/Iris® Xe Graphics eligible 4x HDMI2.0_Out Max Resolution up to 4096*2160 @ 30Hz 1x HDMI_IN 4K at 30Hz, (Available on the Core i7-1255U/1355U only.)		
Ethernet Controller	1x Intel® i226 2.5GB LAN port 1x Intel® i219 GbE LAN port		
Serial	1x RS232 RJ45 Console		
USB	1x USB2.0 2x USB 3.2 1xUSB-C, USB3.2 ONLY		
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) 1x M.2 Slot for 4G/5G		
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		
Mounting	Wall Mounting KIT Option		

Ordering Information

Model name	Description
WBP-12U3-i3-1215U	FANLESS BOX-PC with Intel i3-1215U, 4xHDMI out, 1xGbE and 1x 2.5GbE LAN, 1xCOM port, 2x USB 3.2, 19V DC Input
WBP-12U3-i5-1235U	FANLESS BOX-PC with Intel i5-1235U, 4xHDMI out, 1xGbE and 1x 2.5GbE LAN, 1xCOM port, 2x USB 3.2, 19V DC Input
WBP-12U3-i7-1255U	FANLESS BOX-PC with Intel i7-1255U, 4xHDMI out, 1xGbE and 1x 2.5GbE LAN, 1xCOM port, 2x USB 3.2, 19V DC Input, 1x HDMI Input

Model name	Description
WBP-12U3-i3-1315U	FANLESS BOX-PC with Intel i3-1315U, 4xHDMI out, 1xGbE and 1x 2.5GbE LAN, 1xCOM port, 2x USB 3.2, 19V DC Input
WBP-12U3-i5-1335U	FANLESS BOX-PC with Intel i5-1335U, 4xHDMI out, 1xGbE and 1x 2.5GbE LAN, 1xCOM port, 2x USB 3.2, 19V DC Input
WBP-12U3-i7-1355U	FANLESS BOX-PC with Intel i7-1355U, 4xHDMI out, 1xGbE and 1x 2.5GbE LAN, 1xCOM port, 2x USB 3.2, 19V DC Input, 1x HDMI Input