

WBP-12H3 series

Intel 12th Gen i5-12450H Embedded
Fanless Industrial BOX_PC

Features

- Intel Core i5-12450H processor
- 1*HDMI1.4 4096*2160@24Hz, 1*VGA 1920*1080@60Hz
- 2* DDR4 SO-DIMM up to 64GB
- 2*Intel-I225V 2.5GbE LAN ports , support Wake on LAN, boot up Timed boot, PXE diskless boot
- 4x Rs232, 2x RS232/485
- Low power consumption and ultra quiet fanless design



WBP-12H3-i5-12450H SKU



WBP-12H3-i5-12450H-01 SKU

Specifications

Material Chassis	Aluminum Alloy Shell
Colour	Black
Dimensions (W x H x D)	200x 66.5 x 146mm
Power Adapter	12V/6A AC-DC Power Adapter
Power Input	DC12V Input
Processors	Intel Core i5-12450H Processor Base Frequency 2.4GHz Max Turbo Frequency 4.4GHz
Chipset	Integrated with Intel® SoC
Memory	2* DDR4 SO-DIMM , up to 64GB
Storage	1*M.2 NVMe 2280 Not supported 2.5 inch Drive Bay
BIOS	64Mb SPI FLASH
Display Controller	Intel® UHD Graphics for 12th Gen Intel® Processors , 1.20GHz graphics max dynamic frequency 1*VGA 1920*1080@60Hz, 1* HDMI1.4 support 4096*2160@24Hz
Ethernet Controller	2*RJ45 Ports Intel-I225V2.5G LAN ports, support Wake on LAN
Serial	6*DB9RS232 <COM1-COM2 can set RS232/422/485 from BIOS>
USB	4*USB3.0 4*USB2.0
AUDIO	1x Audio_out, 1x Mic_in
GPIO	8*GPIO 4*input 4*output <Notice: It is motherboard pins, custom extensions available>
Expansion Slot	1*Mini-PCIe socket Support WiFi/ Bluetooth Module 1*Mini-PCIe socket Support 3G/4G/WIFI Module
Watchdog Timer	Software Programmable Supports 0~255 sec. System Reset
Environment	Operating Temperature: -20~65° C Storage Temperature: -40~80° C Operating Humidity: 5%~95%@40° C, non-condensing
Vibration During Operation	With SSD: IEC 60068-2-64 (3Grms@5~500Hz, random, 1hr/axis)
Certification	CE / FCC / RoHS Compatible
OS	Windows 11, Windows 10, Linux(Support by request)

Ordering Information

Model name	Description
WBP-12H3-i5-12450H	Fanless BOX-PC with Intel i5-12450H CPU, HDMI +VGA,2x 2.5GbE LAN,6xCOM ports, 2xMiniP-Cle,1xM.2 NVMe, DC 12V input
WBP-12H3-i5-12450H-01	Fanless BOX-PC with Intel i5-12450H CPU, HDMI +VGA,2x 2.5GbE LAN,6xCOM ports, 2xMiniP-Cle,1xM.2 NVMe, DC 12V input, support Wall mounting

Optional Accessories

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