



HJS OPS PC Modules A07 12-13th Gen(Dual memory)



Highlights

- *Front Pre-DP 8K Display + HDMI4K Display Interface, Rear OPS Port 4K60Hz Output.
- * Built-in Antenna Adds WIFI Signal Output.
- *Front 4 USB3.0,2 USB2.0 Ports,1 Type-c 3.0 Port.
- * Supports Intel Notebook 12-13th Generation U15/P28/H45 Core i3 i5 i7 Series CPU.
- *One -key System Recovery Button.O Fan Speed Control.

HJS OPS PC is an ideal choice for interactive flat panel with high performance, reliable quality and resonable price, This embedded PC module is powered by Intel with rich interfaces including six USB ports, HDMI and DP port. The built-in fan automatically dissipating heat. Slot-in OPS PC module can be easily installed and turn the interactive board into a big windows system. HJS OPS PC also provide OEM ODM services like Windows system with multi-languages.

Specification

Processor	CPU model number	i3 1210U 1.0GHz turbo frequency 4.4GHz 9W~29W 6 cores 8 threads
		i5 1230U 1.0GHz turbo frequency 4.4GHz 9W~29W 10 cores 12 threads
		i5 1235U 1.3GHz turbo frequency 4.4GHz 15W~55W 10 cores 12 threads
		i5 1240P 1.7GHz turbo frequency 4.4GHz 28W~64W 12 cores 16 threads
		i5 12450H 2.0GHz turbo frequency 4.4GHz 45W~95W 8 cores 12 threads
		i7 1255U 1.7GHz turbo frequency 4.7GHz 15W~55W 10 cores 12 threads
		i7 1260P 2.1GHz turbo frequency 4.7GHz 28W~64W 12 cores 16 threads
		i7 1270P 2.2GHz turbo frequency 4.8GHz 28W~64W 12 cores 16 threads
		i3 1315U 1.2GHz turbo frequency 4.5GHz 15W~55W 6 cores 8 threads
		i5 1345U 1.4GHz turbo frequency 5.2GHz 15W~55W 10 cores 12 threads
		i7 1360P 2.2GHz turbo frequency 5.0GHz 28W~64W 12 cores 16 threads
		i7 1370P 2.8GHz turbo frequency 5.2GHz 28W~64W 14 cores 20 threads
Memory	Technology	2x SODIMM DDR4
	RAM	DDR4 -8GB;DDR4 -16GB;DDR4 -32GB;DDR4 -64GB;
	Storage	128G/256G/512G/1TB
Display	Front output	DP 7680 x 4320 8K60Hz
	HDMI2.0	3840 x 2160 4K60Hz
	JAE	HDMI2.0 3840 x 2160 4K60HZ
Graphics	Model	Intel Iris Xe Graphics/Intel® UHD Graphics
Hard disk	SSD	M.2 2280 supports NVME/SATA protocol (automatic switching)
		1x 7pin SATA (supports 2.5-inch SSD)
Network	Interface	1x M.2 2230 PCIe/USB port
	BT	YES
	WIFI	Support WIFI5/WIFI6, standard 24G (optional 2.4G+5G dual frequency)
I/O connector	JAE Connector	JAE TX25 80-PIN
	Indicator	1 x Power indicator + 1x HDD indicator
	LAN	1x10/100/1000Mbps(RJ45)
	USB	Front: USB3.0 x4,USB2.0 x2 OPS side: USB2.0 x2 ,USB3.0x1
	Type -C	1 x USB3.0
	Super IO	Realize serial port function (default TTL)with RS232 support reserved on motherboard
	Antennas	2 x Antennas
Extension ports	Audio	LINE OUT*1 MIC IN+1
	MINI-PCle (built-in)	1x M.2 2230(WIFI) 1x M.2 2280(SSD) 1X SATA
Power requirements	DC-IN	19V/7A and above
Physical	Size	180x195x30mm/ 180x195x42mm
	Shell material	Iron
Cooling	Cooling	5V dual fan heat dissipation
Environment	Working temperature	Working temperature: -20℃~60℃
	humidity	Working humidity: 10%~90%, non-condensing Storage temperature: -20℃~70℃
Software	Operating system	Windows®10 Windows®11
Package		Each OPS mini pc module packed by a box, 10 boxes into a carton
Warranty		3 years



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