

HJS OPS PC Modules H610-GT-A07 12-13th Gen(3xHDMI)



Highlights

- *Front DP 8K display + HDMI 4K60Hz display output, rear OPS terminal 4K60Hz output.
- *IO fan speed control
- *Front 4 USB3.0, 2 USB2.0 interfaces, 1 Type-C USB3.0 interface,
- *Support Intel 12th/13th generation® Core series I3 I5 I7 I9 CPU
- *The motherboard comes with a one-click system restore button
- *Support independent graphics card display output

Specification

Processor	CPU model number	I3 12100 3.3GHz Turbo frequency 4.3GHz 4 cores 8 threads I5 12400 2.5GHz Turbo frequency 4.4GHz 6 cores 12 threads I7 12700 2.1GHz Turbo 4.8GHz 12 cores 20 threads I9 12900 1.8GHz Turbo frequency 5.1GHz 16 cores 24 threads I3 13100 3.4GHz Turbo frequency 4.5GHz 4 cores 8 threads I5 13400 2.5GHz Turbo frequency 4.6GHz 10 cores 16 threads I5 13600K 2.6GHz Turbo frequency 5.1GHz 14 cores 20 threads I7 13700 2.1GHz Turbo frequency 5.2GHz 16 cores 24 threads I9 13900 2.0GHz Turbo frequency 5.6GHz 24 cores 32 threads
	Technology RAM	2x SODIMM DDR4 DDR4-4GB;DDR4-8GB;DDR4-16GB;DDR4-32GB;DDR4-64GB
Display	Front output	DP 7680 x 4320 8K60Hz HDMI2.0 3840 x 2160 4K60Hz HDMI2.0 3840 x 2160 4K60Hz HDMI 1920 x 1080 2K60Hz
	JAЕ	HDMI2.0 3840 x 2160 4K60Hz
Graphics	Model	Intel UHD Graphics 730
	Discrete graphics card	Support PCIe16 GT1030 GT1050 GT1650 independent graphics card
Hard disk	SSD	M.2 2280 supports PCIe/SATA protocol
Network	Interface	M.2 2230 PCIe protocol
	BT	YES
	WIFI	Support WIFI5/WIFI6 (2.4G+5G dual frequency)
I/O connector	JAЕ Connector	JAЕ TX25 80-PIN
	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	Serial Port (TTL default) w/ RS232 Support
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/10A
Physical	Size	195x180x42mm
	Shell material	Iron
Cooling	Cooling	12V all-copper fan cooling
Environment	Working temperature humidity	Working temperature: -20°C~60°C Working humidity: 10%~90%, non-condensing
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





