Datasheet OPS

IBD-G512A



The product features

◆Support 12th Gen Intel® Core™ Processor
◆Supports dual-display in sync via HDMI/DP and triple-display in asynchronous mode
◆Support TPM2.0
◆Support JAE 80PIN HDMI 2.0 output
◆Support onboard LPDDR5 memory and M.2 SSD storage
◆Support LAN wake-up & PXE boot &scheduled power-on
◆Support one-click backup and system restore

Specifications

Standard parameters	CPU	12th Gen Intel ® CoRE ™ I5-1230U Processor
	Memory	LPDDR5 4800Mhz 16G Memory
	Storage	1*M.2 2280 interface supports NVMe protocol (SSD 512G)
	Graphics	Intel® Iris® Xe Graphics
	Display Output	80Pin rear HDMI / front HDMI / front DP supports both synchronized and asynchronous displays
	Network	LAN 1* 8111H 10M/100M/1000M Ethernet WIFI 1* M.2 2230 for Wifi+BT
	Audio	Realtek ALC897 Audio 5.1 Channel
I/O Ports	Front interface	1*HDMI2.0 out 1*DP1.4 out 6*USB 3.2Gen1 1* RJ45 1*Type-C(USB2.0) 1*Power 1* Restore 1*Line_out 1*Mic_in 1*Power LED 1*SSD LED 2*WIFI/BT ANT
	Rear interface	1* JAE 80PIN: HDMI2.0 out(4K/60Hz)
Power parameters	power input	19V4.7A(60±10W)
Size parameters	Host size (mm)	Bare metal : 195 * 180 * 30/42mm Packing box size: 282*258*77mm
	Weight (kg)	Net weight ≈ 1.2 Kg gross weight ≈ 1.4Kg
Temperature and humidity	Operating temperature	0°C~ 45°C
	Storage temperature	-40°C~ 80°C
	Working humidity	10% - 95% @40°C non-condensing
system	Supported operating systems	Windows 10/11 , Linux

Product specifications are for reference only and subject to change without prior notice

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