POLYHEX

OPS PC Based on Intel H310 Chipset
Supporting LGA1151 i3 8100/i5 8400/i7 8700 CPU

Main Features:

· Plug-in modular OPS installation
· Coffee Lake H310 chipset, LGA1151 i3 8100/i5 8400/i7 8700 CPU
· Support 4K 60Hz Ultra HD display (4096 x 2304)
· Support Gigabit network, support asynchronous dual display (HDMI + DP for default, VGA optional)
· Support single channel DDR4 memory up to 16GB
· Removable hardware design, memory can be pulled out by removing two screws
· Support one-press hardware restoration
· Support wake on LAN, power on and watchdog, etc.
· Comply with CE, FCC and RoHS regulations
· Applications: education, restaurants, hotels, shopping malls, corporate meetings, open government affairs and other fields

Specification:

System	
CPU	Intel Core i5-8400 (2.8GHz/9MB/HD630/14nm/65W/LGA1151), i3-8100/i7-8700 optional
Chipset	Intel H310
BIOS	AMI 32Mbit, support diskless boot, wake on LAN, power on and watchdog, etc
Memory	8GB SO-DIMM DDR4 2400MHz memory, up to 16GB
Storage	128GB SATA SSD, 1 x Mini PCIe, 1 x M.2 2280 NGFF
OS	Windows 10, Linux
Communication	
LAN	1 x RTL8111H 10/100/1000M (RJ45 LAN)
WIFI	1 x WIFI Module support 802.11b/g/n (mini PCIe half card)
SIM Slot	1 x SIM Slot, support mini PCIe 4G module
Video & Audio	
Graphics	CPU integrated Graphics
Video Output	VGA + HDMI, support single/dual display (synchronous/asynchronous display)
	1 x DP (Max. resolution 4096 x 2304), 1 x HDMI (Max. resolution 4096 x 2304), 1 x VGA (Max. resolution 1920 x 1080)
Audio Output	1 x Line OUT & Mic IN, integrated sound card chip
I/O Interfaces	
USB	3 x USB 3.0, 3 x USB 2.0
COM	1 x COM
OPS	1 x OPS Interface (80pin)
DC JACK	1 x DC JACK
Power Button	1 x power button
Reset Button	1 x reset button
LED Light	1 x power LED light, 1 x hard disk LED light
Power Supply	
Power Input	DC 12~19V
Power Rating	90W
Watchdog	
Output	Interruption, system restart
Interval	255 timing intervals
Mechanical & Environmental	
Dimension	180(L) x 195(W) x 42(H)mm
Operating Temp.	0~50℃
Storage Temp.	-20~70℃
Relative Humidity	5%~90%, non-condensing

Order Information:

CPU Options	Description
Core i3-8100	3.6GHz, 4GB memory, 500GB hard disk
Core i5-8400	2.8GHz, 8GB memory, 128GB SSD
Core i7-8700	3.2GHz, 4G memory, 500GB hard disk

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Beyond the Embedded Deployment