



OPS Computer Based on Intel Comet Lake-S/ Intel Rocket Lake-S Processors

Main Features:

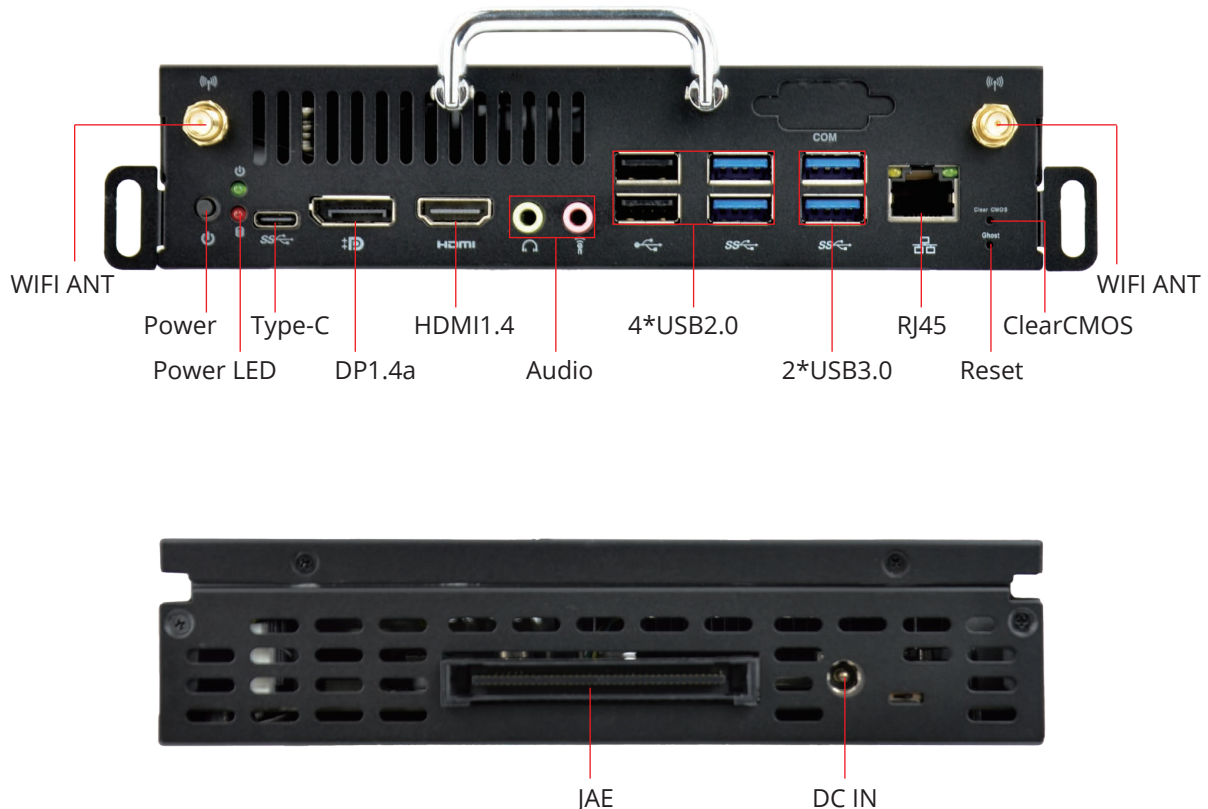
- Supports 10/11th Generation Intel Core Processors
- Dual-channel DDR4
- Front panel DP1.4a + HDMI1.4
- Supports UHD, H.264 and H.265 decoding
- 1*Type-C, 2*USB3.0, 4*USB2.0
- 1*COM-RS232



Applications:

White board, all-in-one pc, digital signage, intelligent retail, etc.

I/O Interfaces:



Specification:

Processor	CPU	Intel Comet Lake-S, Rocket Lake-S Processors
	Chipset	Intel H510 Chipset
	BIOS	AMI EFI 128 Mbit
Memory	Type	2*DDR4-3200MHz SO-DIMMs
	Max. Capacity	32GB
Display	GPU	Intel UHD Graphics 620/610 (based on CPU)
	Front Panel	1*DP1.4a, Max. 3840 x 2160@60Hz 1*HDMI1.4, Max. 3840 x 2160@30Hz
	JAE	1*DP1.4a, Max. 3840 x 2160@60Hz 1*HDMI2.0, Max. 3840 x 2160@60Hz
Audio	Controller	Realtek ALC662-VD0
	Interface	Audio out + Mic in
Ethernet	Controller	Realtek RTL8111H, Gigabit Ethernet, Wake on LAN support
Storage	2.5" SATA	1*2.5" SATA HDD/SSD
	M.2	1*M.2 2280, SATA/PCIe 4X SSD
Rear Panel	DP1.4a	1
	HDMI2.0	1
	Audio	Audio out + Mic in
	USB2.0	4
	USB3.0	2
	Type-C	1 x USB3.0
	LAN	1
	COM	1
Expansion	M.2	1*M.2 2230 with Wi-Fi/BT module support
	JAE	JAE TX25 80Pin
OS		Windows 10 64bit, Linux
Functions		Watchdog, Auto Power On
Power	Power Type	DC IN
	Adapter	12V-19V
Cooling		Fan
Dimension	Construction	Metal
	Mounting	Yes
	W*H*D	180*195*42mm
Environment	Operating Temp.	0°C to 40°C at 0.7m/s air flow
	Storage Temp.	-20°C to 60°C
	Relative Humidity	95% at 40°C, non-condensing

ABOUT POLYHEX

As a board level and system level designer and manufacturer, always delivers best-in-class embedded computing solutions based on both ARM and X86 architecture, including hardware customization and software debugging etc. Partnered with silicon vendors like Intel, NXP, ST, Rockchip, Allwinner and so on, we have earned trust from clients worldwide in over 60 countries. Polyhex is also certified with ISO9001 and ISO13485 for the self-owned manufacture facility.

