

Products Description



OPS Mini PC

Model Number: SD890-OPS186U

* Onboard Intel Core 12thAlder Lake-U/-P/13th Raptor lake Series processor

* 1*DDR5 SO-DIMM, Onboard Ram optional, max support 48GB

* Optional

* Display Output: HDMI0/MiniDP/Type-C

* 2*2, 2*USB2.0

* DC 12-19V; Size: 180x119x30mm.

Processor	Onboard Intel 12th Alder Lake-U/-P/13th Raptor lake Series processor
	EFI BIOS
TPM2.0	CPU built-in, optional external TPM2.0
Ram	1*DDR5 SO-DIMM, Onboard Ram optional, max support 48GB
Storage	1*M.2 M-Key 2280, NVMe PCIe 4.0 x4 protocol, SATA3.0 protocol optional
	1*2.5inch HDD port (with SATA3.0 choose one of two)
	1* SATA3.0 interface, 2Pin 5V (alternative to 2.5-inch HDD)
Display	1*HDMI2.0 interface supporting 4096x2160@60Hz.
	1*Mini DP, supporting 4096x2160@60Hz.
	1*Type-C, supporting double-sided USB3.1 and DP 4K and 5V 3A outputs.
	Support synchronous or asynchronous display
I/O interface	1*Mini DP, 1 HDMI2.0, 2 USB3.0, 2 USB2.0.
	1*LAN(RTL8111 network, optional Intel i219)
	1*power indicator, 1 hard disk indicator, 1 switch button, 1 reset button.
	1*Type-C
	1*Mic-in, 1 Line-out
	1*DC JACK power interface
Extended interface/function	1*M.2 E-Key(PCIe 3.0+USB2.0 protocol, supporting WIFI/BT module)
	1*M.2 B-Key(USB2.0+USB3.0 protocol, supporting 4G/5G modules)
	1*set of 8-bit GPIO pins, 2x5Pin, with a spacing of 2.0mm

	1*set of RS232 stitches, 2x5Pin, with a spacing of 2.0mm
	1*4Pin SYS FAN, 1 4Pin CPU FAN
OS system	Windows10, Windows11, Linux
Colour	Black
Size	180x119x30mm
Wight	The net weight is about 750g, and the packaged gross weight is about 800g

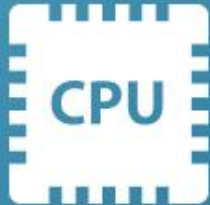
Details Images

OPS Computer series

Integrated Intel 12th single Chip CPU

- 1*DDR5 SO-DIMM, Up To 32GB; Onboard Memory For Option, Up To 16GB, Totally UP to 48GB
- TPM2.0 optional
- Display output: HDMI2.0/MiniDP/Type-C
- 2*USB3.0, 2*USB2.0
- DC 12-19V
- Size: 180x119x30mm





Integrated Intel
single Chip CPU



Intel Gigabit
Lan Port



USB



Dissipate heat



WIFI



HDMI

HD DISPLAY DUAL DISPLAY SUPPORT

HDMI+DP Synchronous or asynchronous display, HD dual display Arbitray switching



HDMI Resolution Support 4096*2304

DP Supports maximum resolution 4096*2304



Plugo-out host

Mini host,easy to carry,host Flexibility,sapce of little,
First selection of household and enterprise

 MINI-DP

 1*HDMI

 4*USB

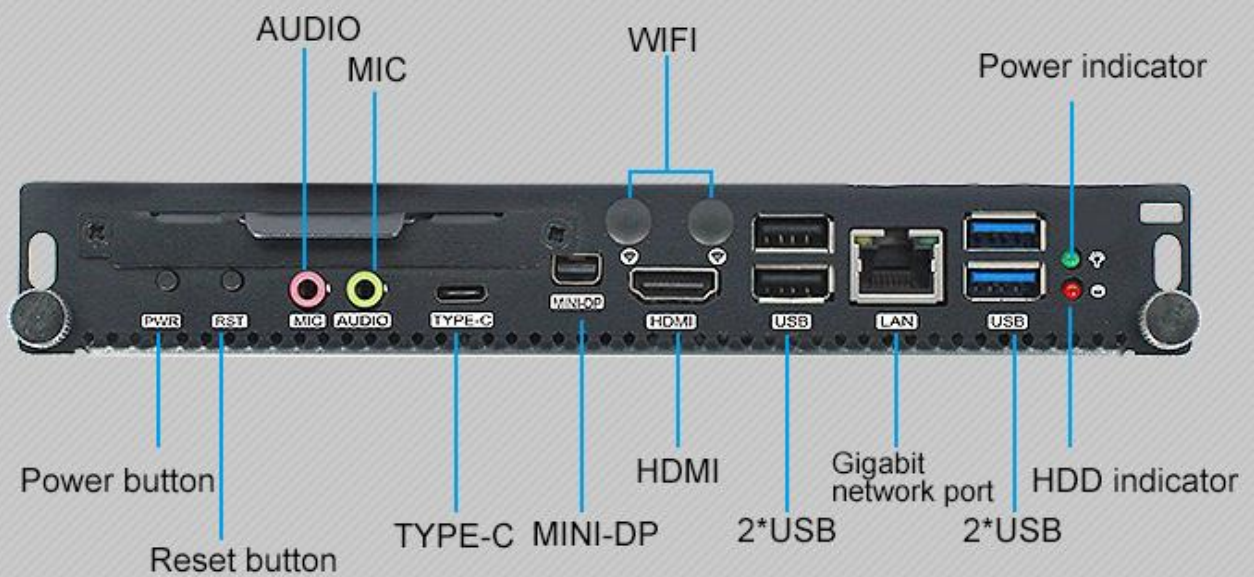
 1*LAN



WiFi inside

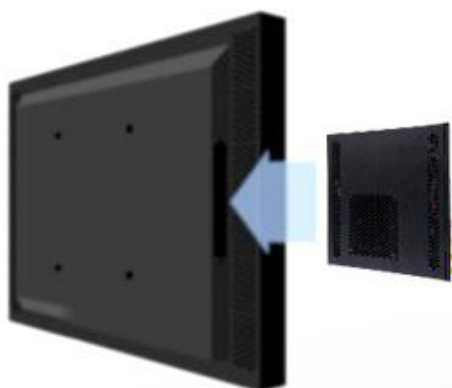
Support wireless WiFi

Rich Interfaces Efficient Expansion



Expandable hard drive design

Education, conference, KTV



Plug-in installation



OPS subcard expansion slot

OPS Hang up



Fully insert



it is a mini PC with an Intel Core processor, memory, hard disk, multiple input and output interfaces, and a Windows operation interface, which is more convenient to install, use, and maintain, making digital signage equipment more intelligent and integrated.

