



Shenzhen Arkadiko Technology Co., LTD
Mini OPS Industrial Grade Computer
Specifications

Product features

- OPS pluggable module installation
- Support Skylake-U I3 6100U/I5 6200U/I7 7500U CPU
- Support 6 pcs USB (4 pcs USB3.0/2 pcs USB2.0)
- Support 1000M ethernet interface and HDMI+HDMI+VGA asynchronous triple display
- Support 4K 60HZ ultra HD display (3840*2160)
- Removable hardware design, easy to upgrade HDD
- Support wake on LAN, power-on boot, watchdog
- Products meet CE/ FCC/ ROHS standards
- Size: 180MM*119MM*30MM



Specifications

Processor	CPU	Intel Skylake-U I3 6100U 2.3GHZ dual core quad threads (I3 6100U/I5 6200U/I7 7500U)
	Chipset	Intel® SOC
	BIOS	AMI 32Mbit, support diskless boot, wake on Lan, power-on boot, watchdog, etc.
RAM	Capacity	4GB SO-DIMM DDR4 2133 MHz memory , Max.16GB
ROM	SATA interface	2.5" 5400rpm 500G
	MINI PCIE	1xMini PCIE
Display	Graphic card	CPU integrated HD Graphics 520
	Output	HDMI+HDMI+VGA Single or Dual display (synchronous or asynchronous display) 1 xHDMI (Max. resolution: 3840x2160 60HZ)
Internet	LAN	1 x RTL8111H 10/100/1000M (RJ45 LAN)
	WIFI	1 x WIFI Module support 802.11b/g/n (Mini PCIE half card)
I/O	USB 3.0	4x USB3.0
	USB 2.0	2x USB2.0
	Power button	1 x Power button
	Reset	1 x Reset button
	OPS interface	1 x OPS interface (80pin)
	COM	1 x RS232 COM (optional)
	LED light	1 x Power led & 1x HDD LED
	One key recovery	1 x hardware system one key recovery
	DC JACK	1 x DC JACK
	Audio	1 x LINE-OUT & MIC-IN , 集成 6 声道音效 ALC662 声卡芯片
Power	Input	DC 12~19V
	Rated power	45W
Watchdog	Output	Interrupts, system restart
	Interval	L255 time interval
Physical parameters	Dimensions	180mm (L) x 119mm (W)x30mm(H)
Environment	Temperature	Working temperature:0°C ~50°C Storage temperature:-20~70°C
	Humidity	5%~90% No condensation
Operating system	Version	Windows 10/Windows 7 / windows8 / Linux

Attention! This information is provided for reference. Arkadiko Technology can provide OPS computer for any request of the Customer. Please contact and check with our sales manager before purchase.



Product features

- OPS pluggable module installation
- Support Skylake Core1151 LGA I3/I5/I7CPU
- Support 4K 60HZ ultra HD display (4096*2304)
- Support 1000M ethernet interface and DP+HDMI+VGA asynchronous triple display
- Support single channel DDR4 memory, max. 16G
- Removable hardware design, remove two screws to pull out RAM
- Support wake on LAN, power-on boot, watchdog
- Products meet CE/FCC/ROHS standards



Specifications

Processor	CPU	Intel Core i3-6100 (3.7GHz/3MB/HD530/14nm/51W/LGA1151)	
	Chipset	Intel® H110/Z170	
	BIOS	AMI 32Mbit, Support diskless boot, wake on LAN, power-on boot, watchdog functions	
RAM	Capacity	4GB SO-DIMM DDR4 2133 MHz memory , Max.32GB	
ROM	SATA 接口	128G SSD	
	MINI PCIE	1xMini PCIE	
Display	Chipset	CPU Integrated video card HD Graphics	
	Output	VGA+HDMI+DP Single display, Dual display(display synchronous/asynchronous) 1 × VGA (Maximum supported resolution: 1920×1080) 1 ×HDMI (Maximum supported resolution:4096x2304) 1xDP (Maximum supported resolution: 4096x2304)	
Internet	LAN	1 × RTL8111E 10/100/1000M (RJ45 LAN)	
	WIFI	1 x WIFI Module support 802.11b/g/n (Mini PCIE half card)	
I/O	USB 3.0	6x USB3.0	
	Power button	1 × power button	
I/O	Reset	1 × Reset button	
	OPS connector	1 × OPS interface (80pin)	
	LED light	1 x Power & 1xROM	
	DC JACK	1 × DC JACK	
	Audio	1 × LINE-OUT & MIC-IN , Integrated 6-channel audio ALC662 sound card chip	
	Power	Input	DC 12~19V
	Rated power		90W
Watchdog	Output	Interrupts, system restart	
	Interval	L255 time interval	
Physical parameters	Dimensions	180mm (L) x 195mm (W) x 30mm (H)	
Environment	Temperature	Working temperature:0°C ~50°C Storage temperature:-20~70°C	
	Humidity	5%~90% No condensation	
Operating system	Version	Windows 10/Windows 7 / windows8 / Linux	

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Product features

- OPS pluggable modules installations
- Skylake-H HM170 I5 7440HQ/I7 6700HQ CPU
- Support 4K 60HZ ultra HD play (4096*2304)
- Support 1000M ethernet interface and asynchronous triple display (HDMI+DP+VGA optional)
- Support dual channel DDR4 memory Max. 32G
- Support Type-c+6*USB3.0
- Support hardware one key recovery
- Support wake on LAN, power-on boot, watchdog
- Products meet CE/ FCC/ ROHS standard



Specifications

Processor	CPU	Intel Core i5-6300HQ (2.3GHz/quad-core /6MB/HD530/14nm/45W/ 6th-7th Generation CPU) i5-7300HQ/I5-7440HQ
	Chipset	Intel® HM170
	BIOS	AMI 32Mbit, support diskless boot, wake on LAN, power-on boot, watchdog etc.
Memory	Capacity	4GB SO-DIMM DDR4 2400MHz memory , Max.32GB
Store	SATA interface	2.5" 5400rpm 500G
	MINI PCIE	1xMini PCIE
	M.2	1XM.2 2280 NGFF
Display	Graphics chip	CPU integrated HD Graphics
	Output	VGA+HDMI single / dual display (synchronous / asynchronous display)
		1 x DP (Max. resolution: 4096x2304) 1 xHDMI (Max. resolution : 4096x2304) 1 x VGA (Max. resolution : 1920x1080 optional)
Ethernet	Lan	1 x RTL8111H 10/100/1000M (RJ45 LAN)
	WIFI	1 x WIFI Module support 802.11b/g/n (Mini PCIE half card)
I/O	USB 3.0	5x USB3.0
	USB 2.0	1x USB2.0
	TYPE-C	1x type-c
	COM	1x COM(optional)
	Power button	1 x power button
	Reset	1 x Reset button
	OPS interface	1 x OPS interface (80pin)
	LED light	1 x Power LED & 1x HDD LED
	DC JACK	1 x DC JACK
Audio	1 x LINE-OUT & MIC-IN , Integrated 6 audio channel with ALC662 chip	
Power	Input	DC 12~19V
	Rated power	90W
Watchdog	Output Interval	Interrupts, system restart L255 time interval
Physical parameters	Dimensions	180mm (L) x 195mm (W) x 30mm (H)
Environment	Temperature	Working temperature: 0°C ~50°C Storage temperature: -20~70°C
	Humidity	5%~90% No condensation
Operating system	Vision	Windows 7/Windows 10/ Linux

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Product features

- OPS pluggable module installation
- CoffeeLake H310 Core1151 I3 8100/I5/I7CPU
- Support 4K 60HZ ultra HD display (4096*2304)
- Support 1000M ethernet interface and DP+HDMI+VGA asynchronous triple display
- Support single channel DDR4 memory, max. 16G
- Removable hardware design, remove two screws to pull out RAM
- Support wake on LAN, power-on boot, watchdog
- Products meet CE/ FCC/ ROHS standards



Specifications

Processor	CPU	Intel Core i3-8100 (3.6GHz/6MB/HD630/14nm/65W/LGA1151 8-9th Generation CPU)	
	Chipset	Intel® H310	
	BIOS	AMI 32Mbit, Support diskless boot, wake on LAN, power-on boot, watchdog functions	
RAM	Capacity	4GB SO-DIMM DDR4 2400MHz memory , Max.32GB	
ROM	SATA interface	2.5" 5400rpm 500G	
	MINI PCIE	1xMini PCIE	
	M.2	1XM.2 2280 NGFF	
Display	Chipset	CPU Integrated video card HD Graphics	
	Output	VGA+HDMI Single display, Dual display(display synchronous/asynchronous) 1 × VGA (Maximum supported resolution: 1920×1080) 1 ×HDMI (Maximum supported resolution:4096x2304) 1xDP (Maximum supported resolution: 4096x2304)	
Internet	LAN	1 × RTL8111H 10/100/1000M (RJ45 LAN)	
	WIFI	1 x WIFI Module support 802.11b/g/n (Mini PCIE half card)	
I/O	USB 3.0	4x USB3.0	
	USB 2.0	2× USB2.0	
I/O	COM	1x COM (optional)	
	Power button	1 × power button	
	Reset	1 × Reset button	
	OPS Interface	1 × OPS interface (80pin)	
	LED light	1 x Power & 1xROM	
	DC JACK	1 × DC JACK	
	Audio	1 × LINE-OUT & MIC-IN , Integrated 6-channel audio ALC662 sound card chip	
	Power	Input	DC 12~19V
		Rated power	90W
	Watchdog	Output	Interrupts, system restart
Interval		L255 time interval	
Physical parameters	Dimensions	180mm (L) x 195mm (W) x 30mm (H)	
Environment	Temperature	Working temperature:0°C ~50°C Storage temperature:-20~70°C	
	Humidity	5%~90% No condensation	
Operating system	Version	Windows 10/ Linux	

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