

SZ200 Compact Fanless IPC

Features

- Intel® Apollo platform Pentium J4205 / Celeron J3455
- LPDDR4 up to 8GB
- 1 HDMI
- 2 LAN (2 x Intel i225-V)
- 1 RS-232/422/485, 3 RS-232/485
- 3 USB3.0, 1 USB2.0
- Support 4G/5G, Wi-Fi expansion
- DC 9~36V, UPS module is optional
- 172 x 125 x 62.5mm (L x W x H)
- Wall-mounting/Back-mounting/Din Rail installation
- CE/FCC Class B, ESD 8KV/15KV
- Windows 10, centos 7/8, ubuntu 18.04/20.04/22.04



CPU List

	Intel Apollo Lake CPUs	
CPU	Pentium-J4205	Celeron-J3455
Frequency	1.50 GHz	1.50 GHz
Up to	2.60 GHz	2.30 GHz
Cores	4	4
Threads	4	4
TDP	10W	10W
Cache	2 MB	2 MB

Specifications

Item	Sub-Items	SZ200 Series
Processor System	CPU	Intel® Pentium J4205 / Celeron J3455
	BIOS	AMI UEFI BIOS at 64 Mb
Memory	Technology	LPDDR4
	Max. Capacity	8 GB
Graphics	Controller	Intel Gen9 Graphic engine
	Graphic Features	DirectX 12.0, OpenGL 4.3, OpenCL 2.0, HW Decode: H.264, MPEG2, VC-1, WMV9, H.265/HEVC, VP8, JPEG/MJPEG
External I/O	HDMI	1 x HDMI, resolution up to 3840 x 2160 @30Hz
	Ethernet	2 x Intel i225-V 2.5GbE LAN
	COM	1X RS-232/422/485, 3 X RS-232/RS-485
	USB	3 X USB3.0, 1X USB2.0
	SIM	1 x Micro SIM
	Power DC Jack	Phoenix 4pin terminal
Expansion	M.2 E-Key	1x M.2 2242 Support Wi-Fi
	M.2 B-Key	1x M.2 3052 Support 4G/5G
	M.2 M-Key	1x M.2 2280 SAT3.0
	SATA 3.0	1
LED	LED Lights	Power, SATA, USER1, USER2
Power	Power Type	24V12.5A DC Input
Others	Watchdog	255-level timer, resettable
OS Support	OS Support	Windows 10, centos 7/8, ubuntu18.04/20.04/22.04
Physical Characteristics	Dimensions	172 x 125 x 62.5mm
	Construction	Aluminium Alloy
	Mounting	Wall Mounting / Din Rail Clip
Certification	EMC	CE, FCC
Environment	Operational	0 ~ 60°C (32~140°F)
	Storage Temperature	-40°C ~ 85°C (-40~185°F)
	Relative Humidity (Operating)	95% @ 40°C (non-condensing)
	Relative Humidity (Storage)	95% @ 60°C (non-condensing)