1 K5-F28-1235U



Parameter list

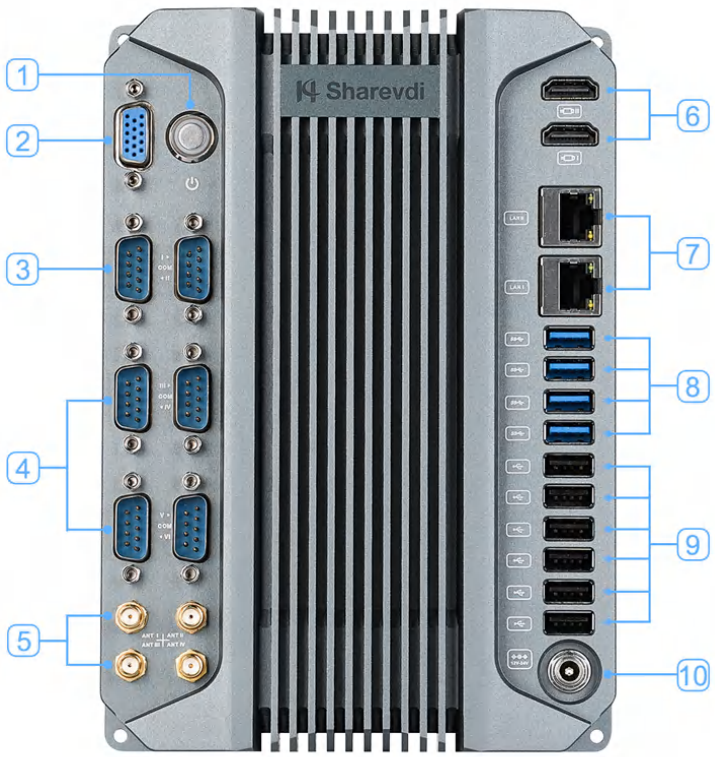
CPU	Intel® Core I5-1235U 1.30 GHz-4.40 GHz
Cores/Threads	10 Cores / 12 Threads
Cache	12 MB Intel® Smart Cache
TDP	15W
Architecture	Alder Lake
Memory	SO-DIMM DDR4 slot x 2, max support 64G
Storage	SSD (M.2 2280 SATA/NVME) Not support HDD expansion (Customized enclosure required due to insufficient internal space)
Audio Card	HD Audio realtek ALC 897
Graphics	Intel Iris Xe Graphics
Network	10/100/1000/2500BASE-T Ethernet (RJ45) x 2, Realtek 8111H x 2
Extendable	M. 2 E KEY 2230 socket x 1, support WIFI+ Bluetooth, support WIFI6 module； M. 2 B KEY 3042/3052 slot x 1, support 4G/5G module (with SIM card slot)
OS Support	Windows 10, Windows 11, Linux
I/O Ports	USB3.0 x 4, USB2.0 x 6, HDMI 2.1 x 2, VGA x 1, LAN x 2, DC-IN 12V~24V x 1， DB-9 RS-232 (485)(0-5-12V) x 2, DB-9 RS-232 x 4
Built-in Socket	2PIN PW Phoenix Terminal x 1, 12-1 pin TPM2.0 pin x 1, 6PIN M. 2 hard disk mode switch PIN x 2, 4PIN switch and indicator lamp pin x 2, 4PIN CPU pin x 1, JATX-AT pin x 1, FP x 1, PW_IN x 1, 4PIN SATA extended hard disk 5V power supply interface x 1, 4PIN SPK power amplifier pin x 1, 8PIN GPIO pin x 2, RS232/485 switch pin x 1, LVDS_CON1 x 1, EDP_CON x 1, JBAT x 1.

BIOS Function

Display Mode	Support Dual display (HDMI 2.1 + HDMI 2.1 + VGA) Copy Mode or Extended Mode, Max Resolution (HDMI 2.1): 4096 x 2304@60HZ; Max Resolution (VGA): 1920 x1080@60HZ
Boot Mode	AC Power Recovery, UEFI PXE Boot, Wake-on-LAN, Scheduled Power On/Off
Intel Virtualization	Support VT-x,VT-d
Intel Hyper-Threading	Support
Working Environment	Temperature：-10~60 ℃ Relative Humidity：0~95% (No Condensation)
Working Voltage	DC 12V - 7A; (Supports 12V to 24V)
Static Electricity	Contact discharge 2K, Air discharge 6K
Storage Environment	Temperature：-10~60 ℃ Relative Humidity：0~95% (No Condensation)

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I/O Port

01 Power Button	02 VGA	03 DB-9 RS-232 (485)(0/5/9/12V) X 2
04 DB-9 RS-232 x 4	05 Wi-Fi & 4G Antenna	06 HDMI 2.1 x 2
07 LAN x 2	08 USB3.0 x 4	09 USB2.0 x 6
10 DC-IN 12V~24V		

Size	L 195mm*W 140mm*H 44mm	**Machine Weight** 1.3KG	**Gross Weight** 1.8KG

Others

Features	Aluminum alloy, patented compact design, 7 x 24 operation support
Heat Dissipation	Passive cooling (natural heat dissipation)
Bracket	Four-corner side flange wall mounting; supports VESA rear mounting
Packing Box	Kraft Paper Box and Anti-Shock Corrugated Carton
Packing List	Machine x 1, Power Cable x 1, Power Adapter x 1, Screws Bag x 1, QA Card x 1, User Manual x 1
Internal Part Number	K550-1235U-F28-A

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