1 K6-F12E-J4125



Parameter list

CPU	Intel® Celeron J4125 2.0GHz 2.7GHz
Cores/Threads	4 Cores / 4 Threads
Cache	4MB L2 Cache
TDP	10W
Architecture	Gemini Lake
Memory	SO-DIMM DDR4 slot x 1, max support 16G
Storage	SSD (mSATA) Not support HDD expansion
Audio Card	HD Audio realtek ALC 662
Graphics	Intel® UHD Graphics 600
Network	10/100/1000/2500BASE-T Ethernet (RJ45) x 4, Intel I226V
Extendable	Not Support WIFI (Customizable) , M. 2 B KEY 3042/3052 slot x 1, support 3G/4G module
OS Support	Windows 7, Windows 10, Windows 11, Ubuntu 24.04, Pfsense-CE 2.7.2
I/O Ports	USB3.0 x 2, HDMI 1.4 x 2, USB TYPE-C x 1, LAN x 4, DC-IN 12V x 1, SIM Card x 1, TF Card x 1, BIOS Reset Button x 1.
Built-in Socket	SIM1 x 1, PW_IN (Phoenix terminal) x 1, CPU_FAN x 1, FP_USB21 x 1, SATA_PWR1 x 1, SATA1 x 1, FP x 1,COM PIN Headers (RS-232) x 1

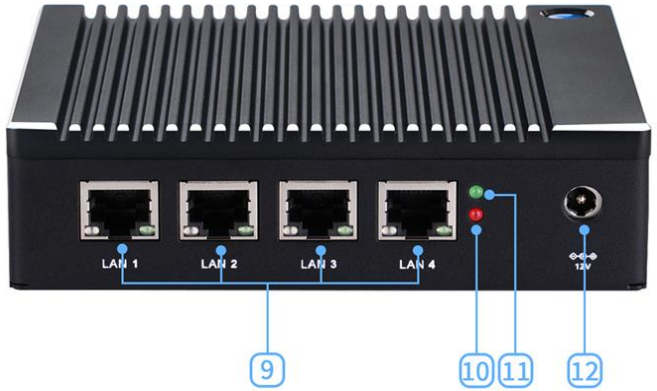
BIOS Function

Display Mode	Support Dual displays (HDMI 1.4 + HDMI 1.4) Copy Mode or Extended Mode, Max Resolution (HDMI 1.4) : 3840 x 2160@30HZ
Boot Mode	AC Power Recovery, UEFI PXE Boot, Wake-on-LAN, Scheduled Power On/Off
Intel Virtualization	Support VT-x, Not Support VT-d
Intel Hyper-Threading	Not Support
Working Environment	Temperature：-10~60 ℃ Relative Humidity：0~95% (No Condensation)
Working Voltage	DC 12V - 3A
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 USB3.0 x 2	03 HDMI 1.4
04 BIOS Reset Button	05 HDMI 1.4	06 USB TYPE-C
07 SIM Card	08 TF Card	09 LAN x 4
10 HDD LED	11 Power LED	12 DC-IN 12V

Size L 133.8mm x W 126.6mm x H 36.5mm **Machine Weight** 0.65KG **Gross Weight** 1.3KG

Others

Features	Aluminum alloy, patented compact design, 7 x 24 operation support
Heat Dissipation	Passive cooling (natural heat dissipation)
Bracket	Dedicated Bracket; Support VESA Bracket
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, VESA Bracket x 1
Internal Part Number	K410-J4125-F12E

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