

# 1 K2-F24H-N100



<b>CPU</b>	Intel® Processor N100 0.8-3.4GHz	
<b>Cores/Threads</b>	4 Cores / 4 Threads	
<b>Cache</b>	6 MB Intel® Smart Cache	
<b>TDP</b>	6W	
<b>Architecture</b>	Alder Lake-N	
<b>Memory</b>	SO-DIMM DDR5 slot x 1, max support 32G	
<b>Storage</b>	SSD (M.2 2280 NVME)	
	Support 2.5-inch HDD expansion	
<b>Audio Card</b>	None	
<b>Graphics</b>	Intel® UHD Graphics	
<b>Network</b>	10/100/1000/2500BASE-T Ethernet (RJ45) x 6, Intel I226V	
<b>Extendable</b>	Support WIFI+Bluetooth (MINI PCIE) or 3G/4G Module (with SIM card slot)	
<b>OS Support</b>	Windows 10, Windows 11, PFsense 2.7.2, OPNsense 25.7, Ubuntu 24.04-server, CentOS 9	
<b>I/O Ports</b>	USB3.0 x 2, USB2.0 x 2, HDMI 2.1 x 1, LAN x 6, DC-IN 12V x 1, DB-9 RS-232 x 1, BIOS Reset Button x 1.	
<b>Built-in Socket</b>	FP_USB1 x 1, SATAPWR x 1, SATA1 x 1, TPM1 x 1, JBAT x 1, FP x 1, PW_IN x 1, AT_MODE1 x 1, BAT x 1, SIM Card x 1.	
<b>Display Mode</b>	Support 4K display (HDMI 2.1), Max Resolution (HDMI 2.1) : 4096 x 2304@60HZ	
<b>Boot Mode</b>	AC Power Recovery, Scheduled Power On/Off	
<b>Intel Virtualization</b>	Support VT-x,VT-d	
<b>Intel Hyper-Threading</b>	Not Support	
<b>Working Environment</b>	Temperature : -10~60	Relative Humidity: 0~95% (No Condensation)
<b>Working Voltage</b>	DC 12V - 5A	
<b>Static Electricity</b>	Contact discharge 2K, Air discharge 6K	
<b>Storage Environment</b>	Temperature : -10~60	Relative Humidity: 0~95% (No Condensation)

## BIOS Function

# K2-F24H-N100



I/O Port

- 01 DC-IN 12V
- 02 BIOS Reset Button
- 03 LAN x 6
- 04 Wi-Fi Antenna
- 05 HDD LED
- 06 Power LED
- 07 Power Button
- 08 DB-9 RS-232
- 09 HDMI 2.1
- 10 USB3.0 x 2
- 11 USB2.0 x 2

**Size** L 135mm x W 126mm x H 50mm      **Machine Weight** 0.82KG      **Gross Weight** 1.3KG

Others

<b>Features</b>	Aluminum alloy, patented compact design, 7 x 24 operation support			
<b>Heat Dissipation</b>	Passive cooling (natural heat dissipation)			
<b>Bracket</b>	Dedicated Bracket; Support VESA Bracket , Optional Ear Mount/DIN Bracket			
<b>Packing Box</b>	Kraft Paper Box and Anti-Shock Corrugated Carton			
<b>Packing List</b>	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	
<b>Internal Part Number</b>	K920-N100-F24H-A			