

PRODUCT | FEATURE

- New Intel long-cycle 12th generation Elkhart Lake quad-core processor
- Support PCI-E customized expandable dual Gigabit SFP optical port network card
- 2 x SO-DIMM DDR4, is up to 64G
- Supports single power supply or redundant dual power supply modules
- Three 4020 double ball bearing cooling fans for stronger heat dissipation
- Customizable rack-mount 2U redundant dual power supply chassis



Product Model: STCW-EHLK-SFP-1U



Front



Rear

Product | Size

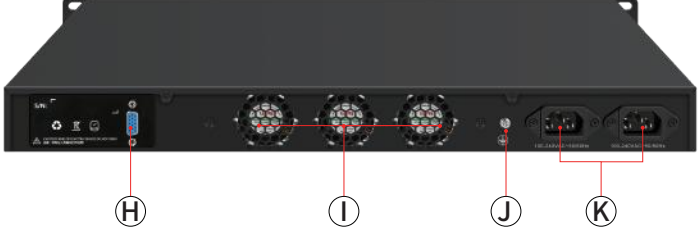
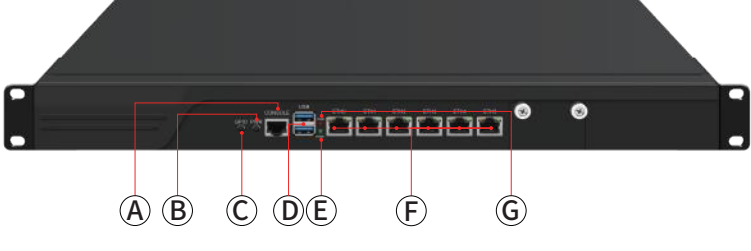


1U chassis size

Tips: There maybe some errors due to manual measurement, please refer to the actual product

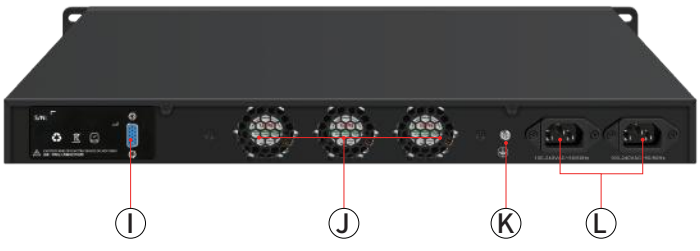
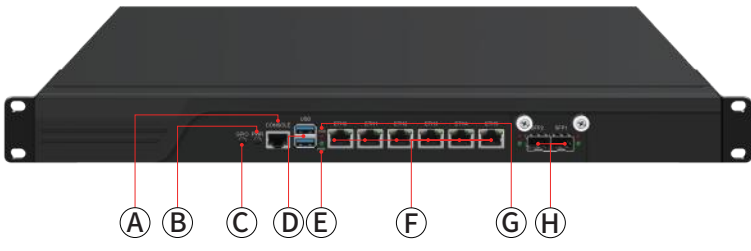
Product | interface

6 x LAN

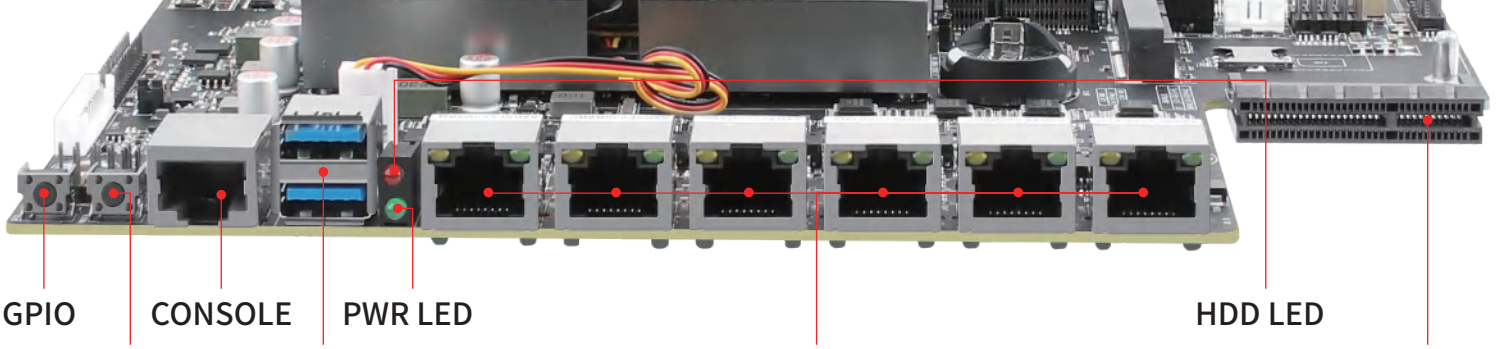
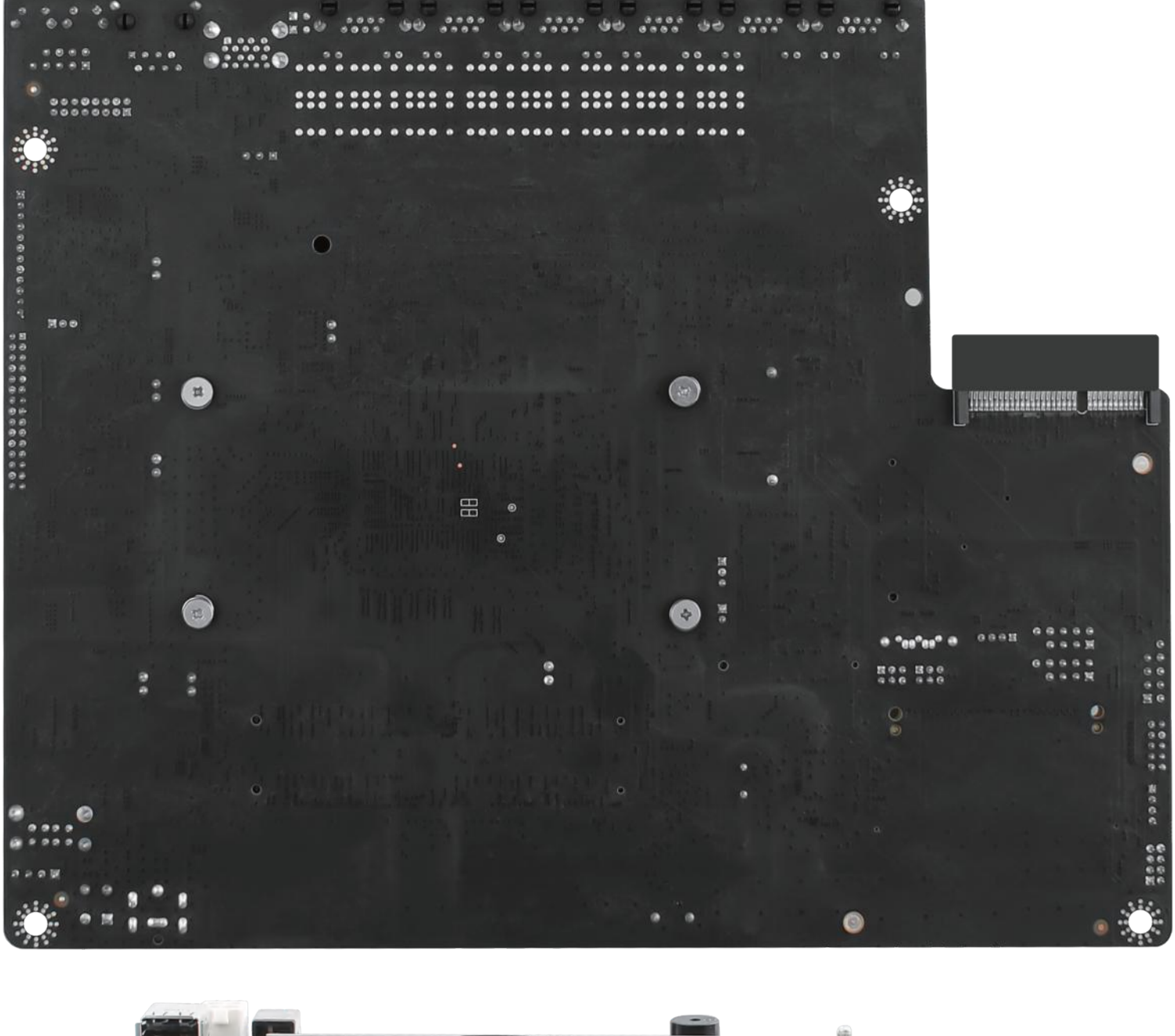
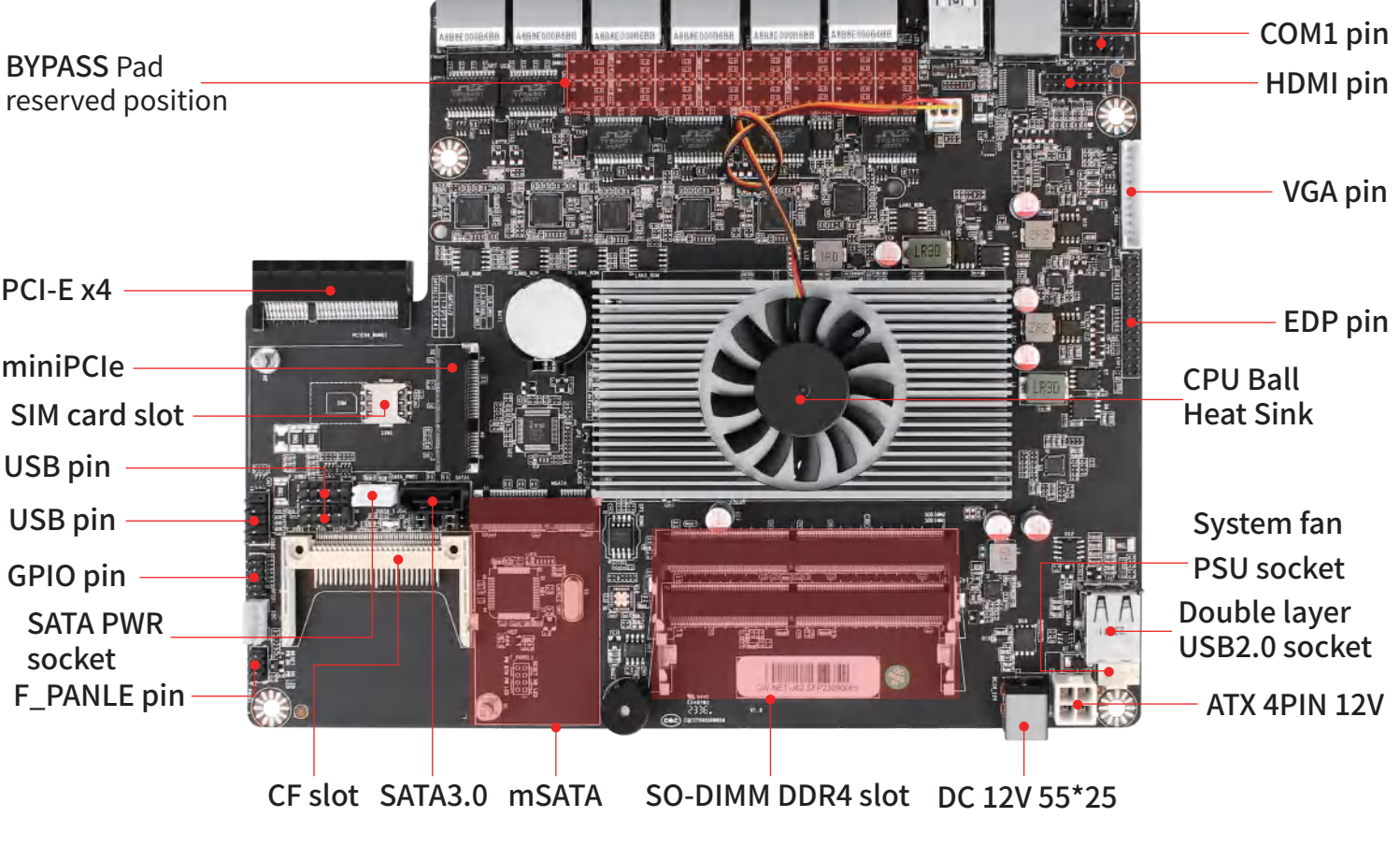


- Ⓐ** CONSOLE **Ⓑ** PWR button **Ⓒ** GPIO **Ⓓ** USB3.0 **Ⓔ** PWR LED **Ⓕ** Intel 2.5G LAN
Ⓖ HDD LED **Ⓗ** VGA **Ⓘ** Cooling fan **Ⓙ** Ground screw **Ⓚ** AC socket

6 x LAN + 2 x SFP



- Ⓐ** CONSOLE **Ⓑ** PWR button **Ⓒ** GPIO **Ⓓ** USB3.0 **Ⓔ** PWR LED **Ⓕ** Intel 2.5G LAN
Ⓖ HDD LED **Ⓗ** SFP+ **Ⓘ** VGA **Ⓙ** Cooling fan **Ⓚ** Ground screw **Ⓛ** AC socket



Product | Specifications

Main	Code Name	Intel® Elkhart Lake
	Popular model	J6412 /J6413 /J6426
	Memory	2 * SO-DIMM DDR4 3200MHz MAX 64G
LAN	IC	Intel® i226-V
	Speed	2500Mbps 2.5G adapting
	Interface	6 * Intel® Ethernet Contoller2.5G RJ45
Storage	M.2	N/A
	mSATA/SATA	1 * SATA / 1 * mSATA / 1 * CF(One out of three)
Display	Header/Pin	1 * VGA / 1 * JHDMI / 1 * EDP
BIOS	UEFI	AMI UEFI BIOS
USB	Interface	2 * USB3.0
	Header/Pin	6 * USB2.0(Array pin) / 2 * USB2.0(Upright)
Power Supply	Voltage	100-240V~50/60Hz
	Mainboard	ATX 4Pin 12V / DC-12V 55mm*25mm
PCI-E	PCIE	1 * PCI-E x4 Integrated LAN
Other	GPIO	8 * Programmable GPIO
	Watchdog	255 Levels,0-255 Seconds
	Bypass	N/A Customizable
	COM	1 * RJ45 Console / 1 * COM (Array pin)
	TPM	N / A Customizable
	4G/WiFi	1 * miniPCle / 1 * SIM
	Other	NetWork WakeUP / PXE
Dimension	Spec	1U(440mm * 319mm * 45mm)
PCB	Spec	223mm(W) * 180mm(L)
Work Temp	Temperature	0°c~60°c, Storage: -10°c~70°c
	Humdity	10%~90%, Storage: 5%~95%, ono-Condensing
System	OS	Windows10/11, Windows Server, Linux

Port | Customization

Number of network ports	Network card chip
2 * 1G SFP	2 * MARVELL® 88E1512-NNP2
6 * 2.5G RJ45	6 * Intel® i226-V Lan1-4(Bypass)
6 * 1G RJ45	6 * Intel® i211-AT(Bypass)
6 * 1G RJ45	6 * Intel® i210-AT(Bypass)

