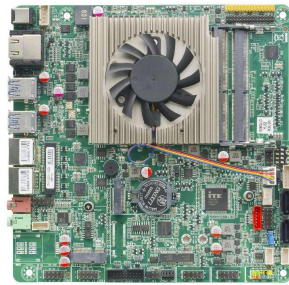# ITX-YL82V1_I522L

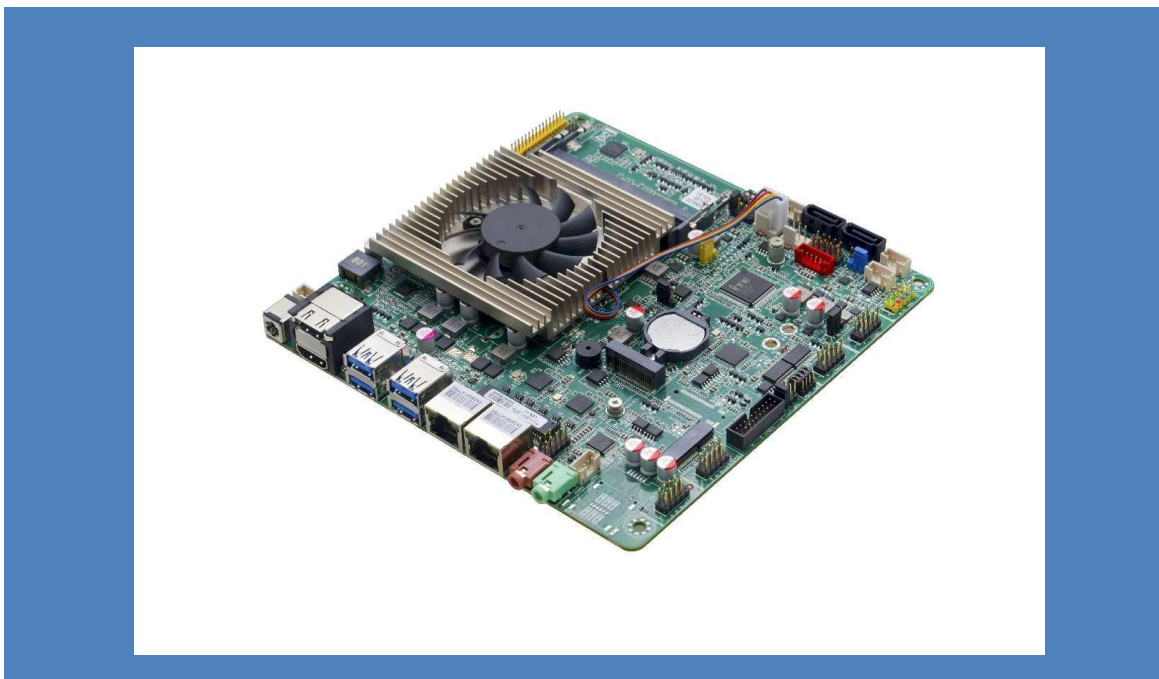## Main Features

- Integrated Intel®I5 8260U 1.6GHz quad-core eight-thread processor
- 2x SODIMM 2400MHz DDR4,up to 64GB
- 2x RJ45 GbE ports
- 1x eDP, 2x HDMI1.4,1x LVDS
- 2x M.2 slot, supports WIFI / 5G module
- 2x SATA3.0 ; 1x M.2
- 2x COM; 10x USB
- DC_12V power supply

Specification :

Model No.	ITX-YL82V1_I522L VER:1.0
Processor	Integrated 8th gen Intel®I5 8260U 1.6GHz quad-core eight-thread processor, TDP 15W
	Compatible with Intel® Whiskey Lake-U/Comet Lake-U/Coffe Lake-U 8th/10th Celeron /Pentium/I3/I5/I7 low-power processors
Chipset	SOC
Memory	2x SODIMM slot, supports 2400MHz DDR4 memory up to 64GB
Display	Integrated Intel® UHD Graphics, supports DirectX 12 OpenGL 4.5, supports 4K
	2x HDMI1.4 interface, the highest resolution supported is: 4096x2304@24Hz
	1x Support dual-channel 24bit LVDS interface
	1x EDP interface, choose one of the two with LVDS through pop-up
Network	2x Intel I226 Gigabit network , supports network wake-up and PXE functions
Storage	2x SATA3.0 hard disk interface, transmission speed up to 6Gbps
	1x M.2 slot, supports M.2 2260/2280 NVME PCIE x4/SATA adaptive standard SSD
Audio	Integrated ALC897 7.1+2-channel high-fidelity audio controller, supports MIC, Line_out, and power amplifier
	Support amplifier 4Ω 3W speaker
Expansion slots	1x M.2 slot, supports M.2 Key E 2230 WIFI module
	1x M.2 slot, supports M.2 Key B 2242/4452 5G module (reserved, optional)
Backplane I/O interface	4x USB3.0
	2x HDMI1.4
	2x RJ45 Gigabit network interface (one network port is listed with USB2.0)
	1x Line-out(green), 1x MIC(red)
	1x DC12V power interface, supports 12V power input
	1x SIM card slot (reserved, optional)
	1x Clear CMOS button
Built in I/O interface	1x LVDS interface 2x 15pin, supports dual channel 24bit
	1x LVDS backlight power supply interface 1x 6pin
	1x EDP interface 2x 15pin, choose one of the two with LVDS through pop-up
	2x RS232 serial interface, COM2 supports RS485/422 function
	1x PS/2 keyboard and mouse interface (red) 1x 6Pin
	4x USB2.0 interface 2x 5pin
	2x USB3.0 interface 2x 10pin
	1x Front audio interface 2x 5pin
	1x Front panel switch button and indicator light interface 2x 5Pin
	2x Hard drive power supply interface 1x 4pin
	1x Power amplifier interface 1x 4pin
	1x DC power interface 1x 4pin (can be used as 12V input power interface)
Fan	1x 4pin CPU fan interface; 1x 4pin system fan interface
GPIO	Supports four-in and four-out GPIO functions
BIOS	128Mb Flash ROM
Watchdog	Support hardware reset function (level 256, 0~255 seconds)
OS	Windows 10 /11/Linux
Power supply	DC 12V

Working temperature	-10℃～60℃
Storage temperature	-20℃～70℃
Working Humidity	5%-95% (relative humidity, non-condensing)
Dimension	170mm x 170mm

Ordering info:

NO.	Model	Processor	Frequency	Memory	VGA	HDMI	LVDS	EDP	LAN	USB	COM	485/422	Power
1	ITX-YL82V1_I522L VER:1.0	I5-8260U	1.6G	2*SODDR4	1	1	2ch/24Bit	1	2*I226V	10	2	COM2	DC12V