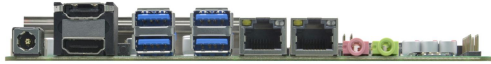# ITX-YL140V1_I526L VER:0.1

Specification:

Model No.	ITX-YL140V1_I526L VER:0.1(135H)
Processor	Integrated Intel®Meteor Lake Core™ Ultra 5 135H 4.6GHz, 14-core 18-thread processor, TDP 6W Compatible with Intel®Meteor Lake-U/H 14th CPU
Chipset	SOC
RAM	2* DDR5 SODIMM memory slot, support 5600MHz memory, up to 96GB
Display	Integrated Intel® Arc™ graphics, support DirectX 12.1, OpenGL4.6, support 4K
	2*HDMI2.0, supports a maximum resolution of 4096 x 2304 @ 60Hz
	1* LVDS, support dual channel 24bit interface
	1* EDP Note: The LVDS and EDP interfaces are selected by wire jumper(LVDS default)
Ethernet	2* Intel I226 Gigabit LAN, support Wake-on-LAN, PXE function(LAN2 and USB2.0 are co-line)
Storage	1* SATA3.0 hard disk interface, transfer rate up to 6Gbps
	1* M.2 slot, support 2260/2280 NVME PCIE x4/SATA specification SSD
Audio	Onboard ALC897 7.1+2 channel Hi-Fi audio controller,support MIC/Line-out.Power amplifier
	Support power amplifier 4Ω3W horn
Expand slot	1* M.2 slot, support M.2 Key E 2230 WIFI module
	1* M.2 slot, support Key B 2242/4452 5G module
Backplane I/O Interface	4* USB3.0
	2* HDMI2.0
	2* RJ45 (LAN2 and USB2.0 are co-line)
	1* Line-out(green), 1*MICK(red)
	1* DC12V, support 12V power supply input
	1* SIM
Built-in I/O interface	1* LVDS, 2*15pin, support dual channels 24BIT
	1* Screen backlight power supply interface, 1*6pin
	1* EDP, 2*15pin(The LVDS and EDP interfaces are selected by wire jumper)
	6* RS232 serial port,COM2 Support the 9th pin charging function,COM2/COM3 support

	RS485/422 function
	1* PS/2 keyboard and mouse interface (red), 1*6Pin
	4* USB2.0, 2*5pin, one set of USB2.0 and external USB2.0 co-line
	2* USB3.0, 2*10pin
	1* Front panel audio interface, 2*5pin
	1* Front panel function button and indicator interface, 2*5pin
	2* Hard drive power supply interface, 1*4pin
	1* Amplifier interface, 1*4pin
	1* DC power supply interface, 1*4pin support 12V power input output
Fan interface	1*4pin CPU smart fan interface, 1*4pin system fan interface
GPIO	Support 4 input and output GPIO
BIOS	128Mb Flash ROM
Watchdog	Support hardware reset function(256 levels, 0~255 seconds)
Operating system	Windows 10/Linux
Power Type	Powered by DC 12V power supply
Operating temperature	-10℃～60℃
Storage temperature	-20℃～70℃
Working humidity	5%-95% relative humidity, no condensation
dimension	170mm x 170mm

Order information：

NO.	Model	Processor	Frequency	Memory	VGA	HDMI	LVDS	EDP	LAN	USB	COM	485/422	Power
1	ITX-YL140V1_I526L VER:0.1(135H)	135H	4.6G	2*SODDR5	1	2	2ch*24BIT	1	2*I226V	10	6	COM2/3	DC12V