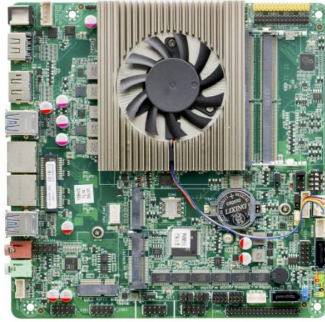# ITX-YS140R1_I526L

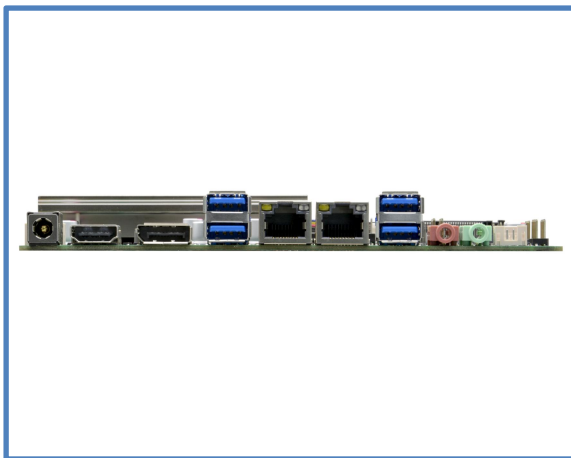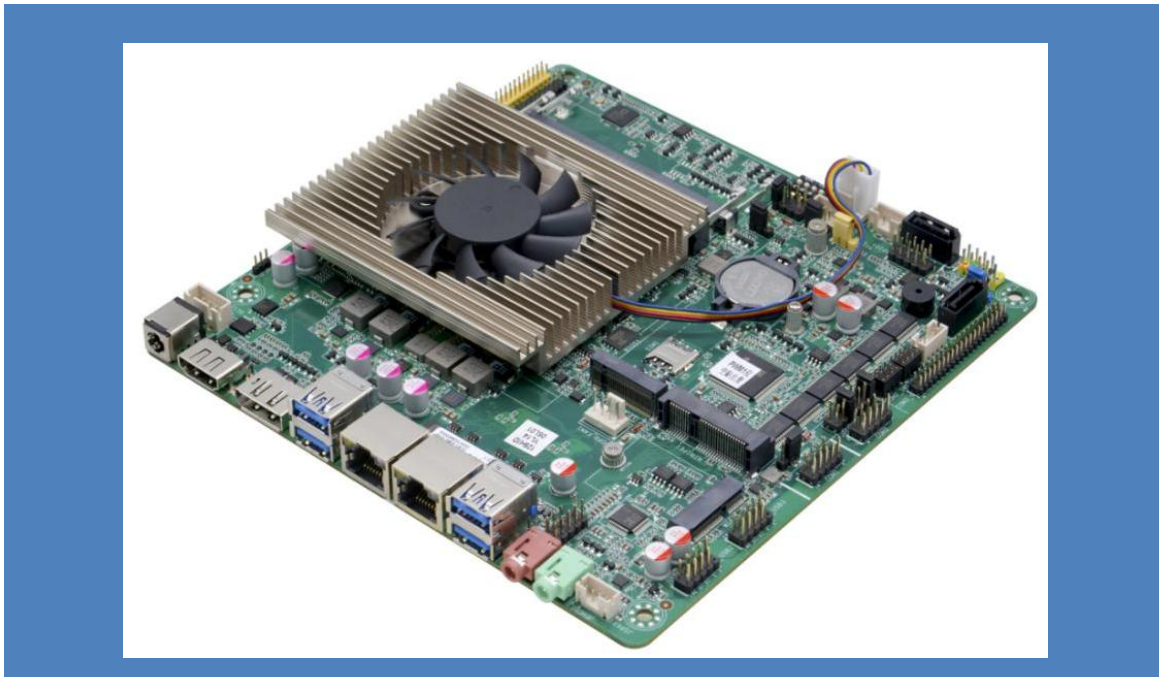## Main Features

- Integrated Intel® Core™ Ultra 5 125H 4.5GHz 14 core 18 thread processor
- 2x SODIMM 5600MHz DDR5,up to 96GB
- 2x RJ45 GbE ports
- 1x EDP, 1x DP, 1x HDMI1.4,1x LVDS
- 1x Mini-PCIE slot(WIFI / 4G); 1x M.2 (WIFI)
- 2x SATA3.0 ; 1x M.2
- 6x COM; 8x USB;1x SIM card
- DC_12V power supply

Specification :

Model No.	ITX-YS140R1_I526L VER:0.1(125H)
Processor	Integrated Intel®Meteor Lake Core™ Ultra 5 125H 4.5GHz, 14 core 18 thread processor, TDP 28W
	Compatible with Intel® Meteor Lake-U/H 14th processor
Chipset	SOC
Memory	2x SODIMM slot, supports 5600MHz DDR5 memory up to 96GB
Display	Integrated Intel® Arc™ graphics, supports DirectX 12.1 OpenGL 4.6, supports 4K
	1x HDMI1.4, the highest resolution supported is: 4096x2304@24Hz
	1x DP
	1x Support dual-channel 24bit LVDS interface
	1x EDP interface, choose one of two with LVDS through pop-up
Network	2x RTL8111H Gigabit ethernet, 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 2280 NVME PCIE x4 specification SSD
Audio	Integrated ALC897 7.1+2 channel high-fidelity audio controller, supports MIC, Line_out, power amplifier
	Support amplifier 4Ω 3W speaker
Expansion slots	1x Mini-PCIE slot, supports WIFI / 4G module
	1x M.2 slot, supports M.2 Key E 2230 WIFI module
Backplane I/O interface	4x USB3.0
	1x HDMI1.4
	1x DP
	2x RJ45 Gigabit ethernet
	1x Line-out(green),1x MIC(red)
	1x DC12V power interface, supports 12V power input
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
	6x RS232 serial interface, COM2 supports the 9th pin powered function, COM2/3 supports RS485/422 function
	4x USB2.0 interface 2x 5pin
	1x Front audio interface 2x 5pin
	1x Front panel switch button and indicator light interface 2x 5Pin
	1x Hard drive power supply interface 1x 4pin
	2x Power amplifier interface 1x 4pin
	1x DC power interface 1x 4pin (can be used as 12V input power interface)
	1x SIM card slot
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 /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	HDMI	DP	LVDS	EDP	LAN	USB	COM	485/422	Power
1	ITX-YS140R1_I526L VER:0.1	125H	4.5G	2*SODDR5	1	1	1	1	2*8111H	8	6	COM2/3	DC12V