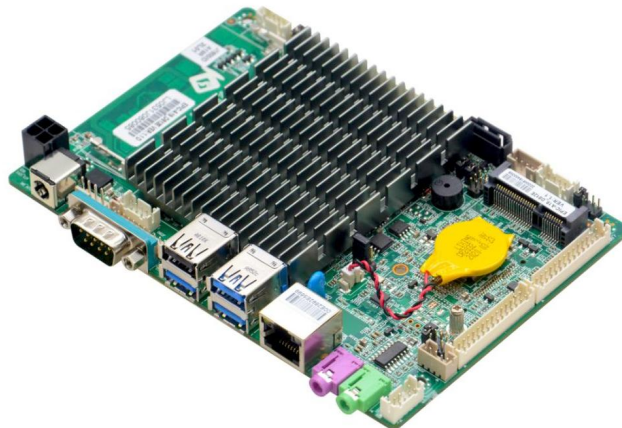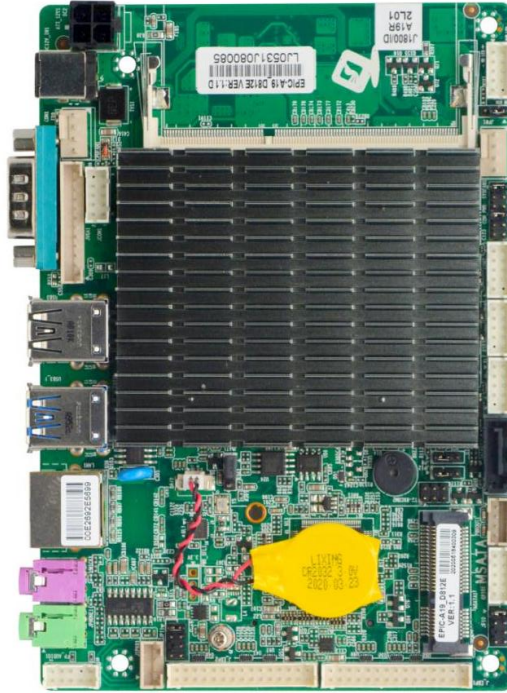# EPIC-A19_D912E   VER:1.1

Based on Intel® Baytrail SOC platform_Celeron® Processor J Series

[Celeron_J1900/J1800 optional]

Specifications:

Product model	EPIC-A19_D912E version: 1.1
processor	Integrated Intel® Celeron J1900/2.0GHz quad-core processor ; TDP 10W (Celeron_J1800 dual core CPU optional)
Chipset	Based on Intel® BayTrail SOC platform
RAM	1*SODIMM memory slot, support single channel 1600/1333MHz DDR3L/1.35V memory, up to 8GB
Display	Integrated Intel® HD Graphics
	1*VGA ; 2*EDP display interfaces
Ethernet	1*RTL8111H Gigabit ethernet card, support Wake on LAN, PXE function
Storage	1*7pin SATA2.0 hard disk interface, transfer rate up to 3Gbps
	1*MSATA slot, support Intel standard SSD, transfer rate up to 3Gbps
Audio	Onboard ALC662 6-channel high-fidelity audio controller, support MIC_in/Line_out
	The amplifier is recommended to use 2Ω 5W speakers
Expansion slot	1*Mini-PCIE slot, support WIF/4G/GPS module
Rear I/O interfaces	1*DC_Jack DC_12V power input
	1*DB9 RS-232 serial interface
	3*USB3.0 ; 1*USB2.0
	1*RJ45 Gigabit ethernet interface
	1*Mic_in ; 1*Line_out
Inner I/O interfaces	1*4pin ATX power interface, support DC_12V input/output
	1*JVGA interface 1*12pin
	2*EDP display interface 2*15pin,
	4*USB2.0 2*5pin
	2*RS232 serial interface 2*5pin (COM2 support RS485/422 , JCOM1 and DB9 RS232 serial interface optional)
	1*HDD power connector 1*4pin
	1*front audio interface 2*5pin
	1*power amplifier interface 1*4pin
	1*SIM card slot
	1*Front panel function button and indicator interface 2*5pin
Fan interfaces	No fan cooling, reserved 1*4pin CPU intelligent fan interface ; 1*4pin system fan interface
GPIO	Support 4 line input&output GPIO
BIOS	AMI 64Mb flash ROM
Watchdog	Support hardware reset function (256 levels, 0~255 seconds)
operating system	Windows 10 / Linux
Power type	Powered by DC_12V (DC_12V 5A power supply unit recommended)
Operating temperature	-10℃~60℃
Storage temperature	-20℃~70℃
Working humidity	Relative humidity 5%-95%, no condensation
Size	148 mm x 102 mm

EPIC-A19 SERIES INFO：

No	Model	Processor	Frequency	Memory	VGA	HDMI	LVDS	EDP	LAN	USB	COM	RS485/422	Power
1	EPIC-A19_D912E VER:1.1	J1900	Quad Core 2.0G	1* SODDR3L	1	/	/	2	1*8111H	8	2	COM2	DC_12V
2	EPIC-A19_D812E VER:1.1	J1800	Dual Core 2.41G	1* SODDR3L	1	/	/	2	1*8111H	8	2	COM2	DC_12V