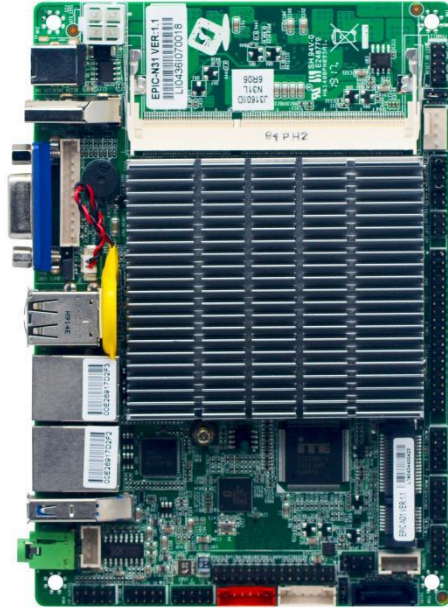


EPIC-N3 1 VER: 1.1

Based on Intel® Braswell SOC Platform_Celeron® Processor J Series

[Celeron_J3710]



Specifications:

Model NO.	EPIC-N31 VER:1.1
CPU	Integrated Intel® Celeron J3710 1.6GHz quad core processor ; TDP 6W
Chipset	Intel® Braswell SOC
Memory	1*SODIMM Socket, Support 1600/ 1333MHz DDR3L/ 1.35V Memory, Up to 8GB
Display	Integrated Intel® HD Graphics 400
	Provide 1*VGA ; 1*HDMI1.4 ; 1*LVDS (dual channel 24bit)
	Support VGA/HDMI1.4/ LVDS Synchronous / asynchronous display
LAN	2* Intel 211 Gigabit Ethernet cards, Support Wake-on-LAN/PXE
Storage	1* SATA3.0 hard disk connector, transfer rate up to 6Gbps
Audio	Integrated ALC662 6-Channel output, Support MIC_in / Line-out
	Advise 2Ω5W loudspeaker for audio power amplifier
Expansion Slots	1* Mini- PCIE Support WIFI&BT/3G/4G LTE modems
	1* MSATA3.0 socket. Support MSATA SSD transfer rate up to 6Gbps
Rear I/O	1* USB3.0
	2* USB2.0
	1* HDMI1.4
	1* VGA
	2* RJ-45 Gigabit Ethernet
	1* Line_out
	1* DC_JACK (DC_12V input)
Inner I/O	1* LVDS connector (2*15pin)
	1* LVDS backlight power connector (1*6pin)
	1* JVGA (1*12pin, share same signal with DB15)
	6* COM RS232 (pin header; COM2 support RS485/RS422)
	4* USB2.0 (2*5pin)
	1* PS/2 (1*6Pin)
	1* AUDIO (Front Audio interface 2*5pin)
	1* Audio power amplifier (1*4pin)
	1* SIM Card socket
	1* PWROUT (1*4pin SATA power supply interface)
	1* FP1 (2*5pin Front panel buttons and LED connected)
	1* 4pin ATX power socket, support 12V power input/output
Fan interface	Support passive cooling; provide 1* CPUFAN 4 pin connector
GPIO	1* GPIO (Support 4- bit input/output GPIO function)
BIOS	AMI 64 MB Flash ROM
Watchdog	Support hardware reset function (L256, 0~255 seconds)
Power Input	DC_12V Single power supply
Operating Temp.	- 10 C~ 60 C
Storage Temp.	- 20 C~ 70 C
Humidity	5%-95%(relative humidity; non-condensing)
Dimension	148mm x 102mm

EPIC-N31 VER:1. 1:

No.	Model	Processor	Frequency	Memory	VGA	LVDS	HDMI	LAN	USB	COM	RS485/422	Power
1	EPIC-N31 VER:1. 1	J3710	1.6GHz	1*SODDR3L	1	2ch/24bit	1	2*211AT	7	6	COM2	DC12V
2	EPIC-N31_J122L VER:1.1	J3160	1.6GHz	1*SODDR3L	1	2ch/24bit	1	2*211AT	7	2	COM2	DC12V