

EPIC-EH305_N126L VER:0.1

Based on Intel® Alder Lake-N platform_Celeron® Processor

[Celeron_N100]



Specifications:

| | |
|------------------------------|--|
| Product model | EPIC-EH305_N126L VER:0.1 |
| processor | Integrated Intel®Alder Lake-N N100 3.4GHz Quad core Quad threads processor (TDP: 6W) Compatible with all Intel® Alder Lake-N series CPUs |
| Chipset | SOC |
| RAM | 1*SODIMM memory slot, single channel 3200MHz DDR4 memory, up to 16GB |
| Display | Intel® UHD Graphics, DirectX 12.1, OpenGL4.6 2*HDMI1.4 ; 1*LVDS/EDP (EDP is optional) |
| Ethernet | 2* Intel I226V 2.5 Gigabit Ethernet Controller, supports Wake on LAN/PXE function |
| Storage | 1* MSATA slot, support SSD, the transfer rate up to 6Gbps 1* 7pin SATA3.0, the transfer rate up to 6Gbps |
| Audio | Onboard ALC897 7.1+2 vocal channels high fidelity audio controller, supports MIC/Line-out and power amplifier suggest use 4Ω3W horn |
| Expansion slot | 1* M.2 slot, support M.2 2230 WIF/Bluetooth module |
| Rear I/O interfaces | 2* HDMI1.4 4* USB3.0 2*RJ45 2.5 Gigabit Lan 1* Two in one audio interface, support Line-out, MICK |
| Inner I/O interfaces | 1*4pin DC power interface, support DC_12V input/output 1* LVDS interface, 2*15pin,Support dual-channel 24BIT, shared pin with EDP 1* Screen backlight power supply interface, 1*6pin 2*USB2.0, 2*5pin 1*USB2.0, 1*4pin 6*RS232 serial ports, COM1/2 supports the 9th pin with power, COM2/COM3 support RS485/422 function 1*HDD power connector, 1*4pin 1*front audio interface, 2*5pin 1*power amplifier interface, 1*4pin 1*Front panel function button and indicator interface, 2*5pin |
| Fan interfaces | 1*4pin CPU smart fan interface ; 1*4pin system fan interface |
| GPIO | Support 4-way input and output GPIO |
| BIOS | 256Mb flash ROM |
| Watchdog | Support hardware reset function (256 levels, 0~255 seconds) |
| operating system | Windows / Linux |
| Power type | DC_12V |
| Operating temperature | -10℃~60℃ |
| Storage temperature | -20℃~70℃ |
| Working humidity | Relative humidity 5%-95%, no condensation |
| Size | 148 mm x 102 mm |

EPIC-EH305 SERIES INFO:

| No | Model | Processor | Frequency | Memory | VGA | HDMI | LVDS | LAN | USB | COM | RS485/422 | Power |
|----|--------------------------|-----------|-----------|-----------|-----|------|------|---------|-----|-----|-----------|--------|
| 1 | EPIC-EH305_N126L VER:0.1 | N100 | 3.4G | 1* SODDR4 | / | 2 | 1 | 2*1226V | 7 | 6 | COM2/3 | DC_12V |