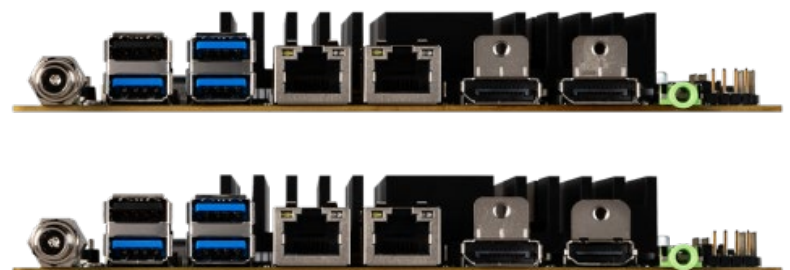
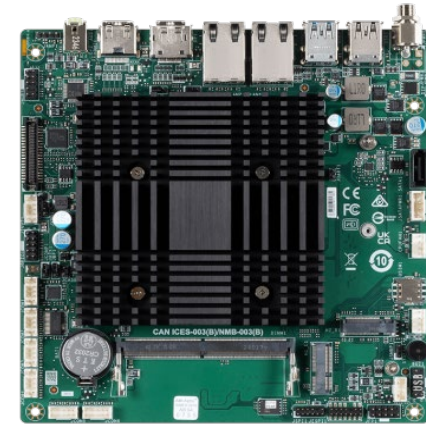


CF13-i3 N305

Features

Intel® Alder Lake-N PC Client & Embedded Series SoC
DDR5 4800 MHz SODIMM Slot up to 16GB
Triple independent displays: DP, HDMI/DP, LVDS/eDP
2 2.5 GbE LAN with RJ-45
1 M.2 E Key Slot, 1 M.2 B Key (with SIM Holder)
1 M.2 B key, 1 SATA 3.0 for storage
2 USB 3.2 Gen 2, 1 USB 3.2 Gen 1, 3 USB 2.0, 6 COM,
GPIO, Audio, Amplifier-3W
Onboard TPM 2.0
DC-IN 12V



Specifications

SYSTEM	
CPU	Intel® IOTG Alder Lake-N Core i3-N305, QC, 9W up to 15W
Frequency	i3-N305, 1.8GHz, up to 3.8GHz
Storage	1 x SATA 3.0
Memory	
Max. Capacity	Up to 16GB
Socket	1 x 262-pin DDR5 SO-DIMM
Display	
HDMI	1
DisplayPort	1
Audio	Realtek® ALC897 Audio Codec (Co-lay ALC888S)
H/W Monitor	256-level Watchdog Timer
I/O Interface	
USB	2 x USB 3.2 Gen 2 (rear) 1 x USB 3.2 Gen 1 (rear) 1 x USB 2.0 (rear) 2 x USB 2.0 (internal)
Serial	6 x COM ports (internal) COM1: RS-232/422/485, 0V/5V/12V COM2~6: RS-232
GPIO	8-bit (4 x GPI; 4 x GPO), 5V
Expansion Slot	
M.2	1 x M.2 B key (SATA/PCIe x1, USB 3.2 Gen 2 x 1, USB 2.0 w/NANO SIM-Holder), 2242/3042/2280 1 x M.2 E key (PCIe x1, USB 2.0), 2230
MECHANICAL & ENVIRONMENTAL	
Operation Temp.	0 ~ 60°C
Storage Humidity	10 ~ 90%, non-condensing
Form Factor	
Dimensions	170 x 170 mm (Mini-ITX)
Weight	0.51 kg
OS Support	Windows 10 IoT Enterprise 2021 LTSC (64-bit, 21H2) Windows 11 IoT Enterprise (64-bit, 23H2, pre-scan) Linux (Support by request)
Power Supply	DC-in 12V

