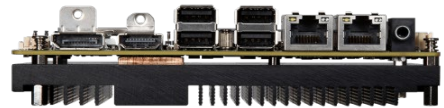
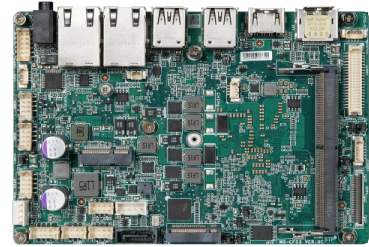


CF03- i3 N305

Features

Intel® Alder Lake-N PC Client & Embedded Series SoC
DDR5 4800 MT/s SODIMM Slot up to 16GB
Triple independent displays: DP, HDMI, LVDS, eDP
2 2.5 GbE LAN with RJ-45
1 M.2 B Key, 1 M.2 E Key Slot
SATA 3.0 for storage
2 USB 3.2 Gen 2, 2 USB 3.2 Gen 1, 6 USB 2.0,
2 COM (1 RS-485), GPIO, Audio, Amplifier-6W
Wide Voltage DC-IN 9~36V



Specifications

SYSTEM	
CPU	Intel® IOTG Alder Lake-N Core i3-N305, OC, 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 SO-DIMM
Display	
HDMI	1
DisplayPort	1
Audio	Realtek® ALC897 HD Audio Codec
H/W Monitor	256-level Watchdog Timer
I/O Interface	
USB	6 x USB 2.0 (internal) 2 x USB 3.2 Gen 2 (rear) 2 x USB 3.2 Gen 1 (rear)
Serial	2 x COM ports (internal) COM1: RS-232/422/485, 0V/5V/12V COM2: 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), 2242/3042/2280 1 x M.2 E key (PCIe x1, USB 2.0), 2230
MECHANICAL & ENVIRONMENTAL	
Operation Temp.	-10 ~ 60°C
Storage Humidity	10 ~ 90%, non-condensing
Form Factor	
Dimensions	146 x 102 mm (3.5")
Weight	0.58 kg
OS Support	Windows 10 IoT Enterprise LTSC (64-bit, 21H2) Windows 11 IoT Enterprise LTSC (64-bit, 24H2) Linux (Support by request)
Power Supply	DC-in 9~36V

