

COMING SOON

Features

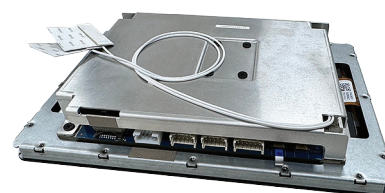
- 7" PCAP Touch Screen
- Intel® Processor N50 dual-core, products formerly Alder Lake-N
- 8GB DDR5 memory and 64G eMMC Onboard
- Wi-Fi, BT Module included
- Supports 2nd display via HDMI 2.0a
- Single GbE LAN, HD Audio, 3 Ring Audio Jack
- 2 x USB 3.0 (external), 4 x USB 2.0 (internal)
- 12-24V Wide Range DC-in
- Supports Win 10/11, and Ubuntu 22.04
- Ultra lightweight, slim, and Fanless operation



Specifications

| System | |
|------------------------|---|
| CPU | Intel® Processor N50 dual-core, Alder Lake N Platform |
| System Memory | 1 x 8GB LPDDR5 Onboard |
| Ethernet | 1 x Realtek RTL811H-CG Gigabit Ethernet |
| Audio Codec | Realtek HD Audio 2W Per Channel Onboard Audio Amp |
| Storage | 64GB eMMC Onboard |
| OS Information | Windows 10/11 Ubuntu 22.04 |
| Panel | |
| LCD Size/Type | 7" |
| Resolution | 600x1024 |
| Interface | MIPI-DSI |
| Luminance | 350 cd/m2 |
| Backlight | LED |
| Touch Type | PCAP Touch |
| Wireless Communication | |
| Wi-Fi Module | BL-M8852BP4 Wireless W-Fi Bluetooth Module |
| Interface | M.2 2230 802.11 a/b/g/n/ac/ax with Bluetooth 5.0 |
| Antenna | 2 x Internal Antenna |
| External I/O | |
| Display | 1 x HDMI 2.0a |
| USB | 2 x USB 3.0 |
| LAN | 1 x RJ45 |
| Audio | 3 Ring Audio Jack |
| DC-in | 1 x DC-In |

| Internal I/O | |
|----------------------------|--|
| USB | 2 x USB 2.0 Headers (4 Ports) |
| COM Port | 1 x RS-485/232 |
| Audio | 1 x A-MIC, 1 x Speaker Stereo |
| Touch Button | 1 x Touch Button connector header |
| Other | 1 x GPIO, 1 x I ² C |
| Mechanical and Environment | |
| Power Input | 12V to 24V Wide Range DC Input |
| Operating Temp | 0°C ~ 40°C |
| Storage Temp | -20°C ~ 60°C |
| Operating Humidity | 5% to 90% non-condensing |
| System Fan | Fanless |
| Certification | CE/ FCC Class B, RoHS |
| Dimension | 7.2" x 4.57" x 0.94" (183x 116 x 24mm) |
| Weight | TBD |



| Ordering Info | |
|---------------|--|
| OFT07W-ADLN | 7" OFT, Intel® Alder Lake-N, 8GB DDR5, 64GB eMMC, Wi-Fi/BT |

* All product specifications and images are subject to change without notice. Last update: 02/27/2024

