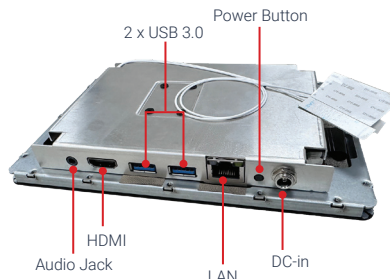
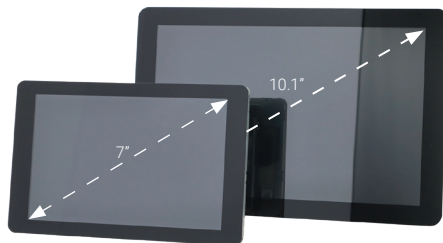


OFT07W-ADLN

7" Open Frame Tablet with Intel® Processor N50, 8GB DDR5, 64G eMMC, and Wi-Fi/BT Onboard



Features

- All-in-One Open Frame Tablet-like Panel Computer
- 7" PCAP Touch Screen
- Intel® Processor N50 dual-core Onboard, formerly Alder Lake-N Platform
- 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
- Lightweight, and slim
- Fanless operation



CPU



Memory,



Fanless



PCAP Touch



Lightweight



Wi-Fi & BT

SPECIFICATIONS

System

CPU	Intel® Processor N50 dual-core onboard, 6M Cache, up to 3.4 GHz, 6W TDP. 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
Expansion Interface	1 x M.2 E-Key 2230 (for Wi-Fi/Bluetooth)
Storage	64GB eMMC Onboard 1 x MicroSD Socket

Panel Display

LCD Size	7"
Resolution	800x1280
Interface	MIPI-DSI
Luminance	350cd/m ²
Viewing Angle	175°(H)/175°(V)
Touch Type	PCAP Touch

Communication

Wireless LAN	802.11a/b/g/n/ac/ax
Bluetooth	BT5.2, BL-M8852BP4
Antenna	2 x Internal Antenna

Supported OS

Windows	Windows 11 2024 21H2 Windows 10 2021 21H2 LTSC
Linux	Ubuntu 24.04 Compatible

External I/O

Display	1 x HDMI 2.0a
USB	2 x USB 3.0 Type A
LAN	1 x RJ45
Audio	3 Ring Audio Jack
DC-in	1 x DC-In, Lockable DC Jack Inner Diameter (ID): 2.5mm/ Outer Diameter (OD): 5.5mm

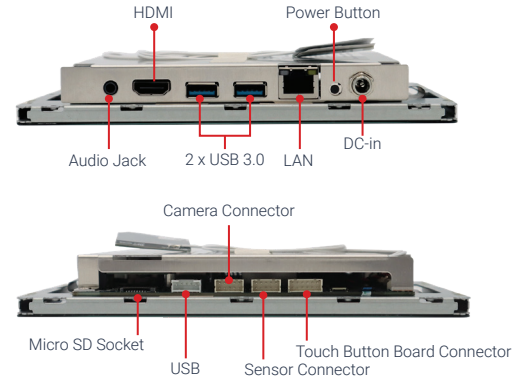
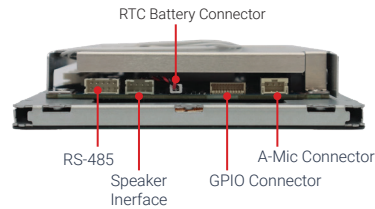
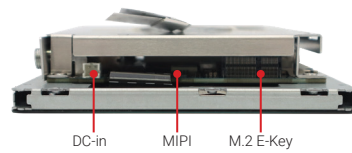
Internal I/O

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

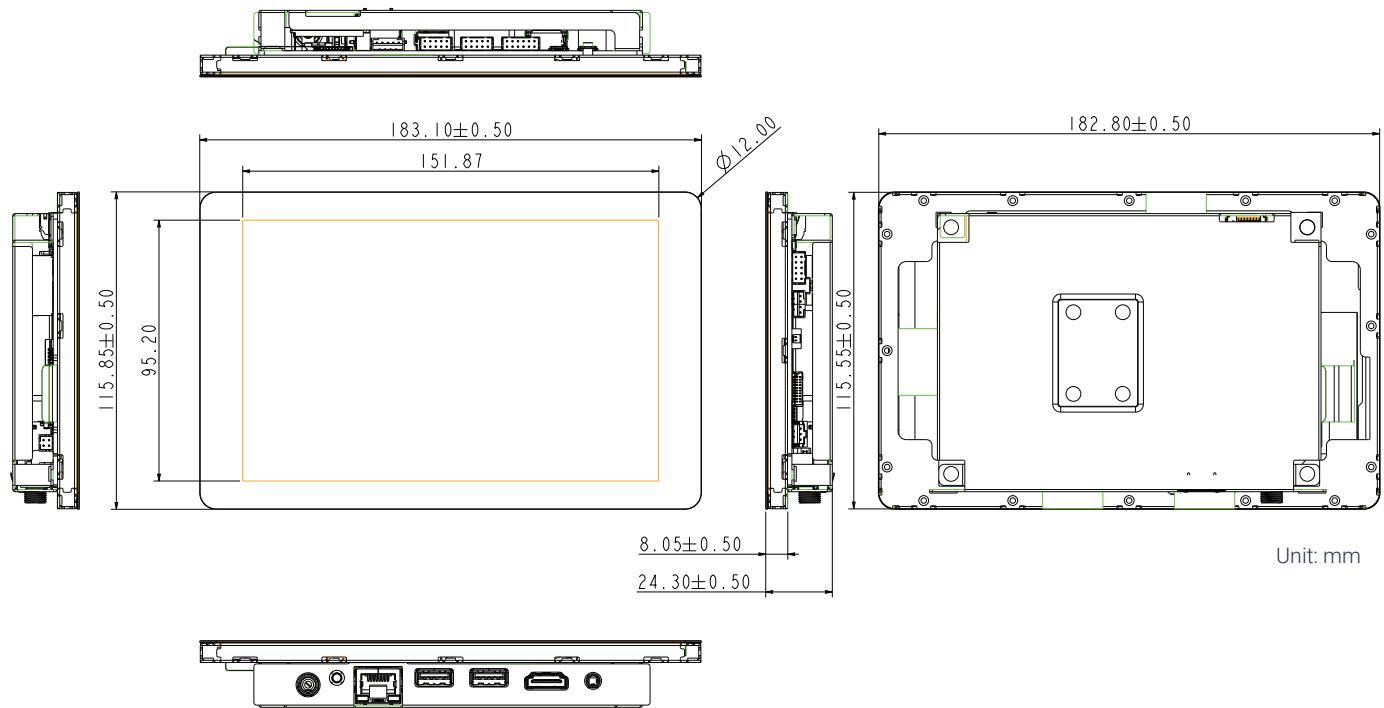
Mechanical, Power, and Environment

Power Input	12V to 24V Wide Range DC Input
Operating Temp	0°C ~ 40°C (32°F ~ 104°F)
Storage Temp	-20°C ~ 60°C (-4°F ~ 140°F)
Operating Humidity	40°C @ 95% relative humidity, non-condensing
Certification / Compliance	CE, FCC Class A, RoHS
Dimension	7.2" x 4.57" x 0.94" (183x 116 x 24mm)
Weight	1.15 lbs (520g)

SPECIFICATIONS / ADDITIONAL PRODUCT PHOTOS



DIMENSIONS



ORDERING INFORMATION

Model Name	Description	OS	Part Number
OFT07W-ADLN	7" OFT, Intel® Processor N50 onboard, 8GB DDR5, 64GB eMMC, Wi-Fi/BT	Linux Ubuntu	OFT07W-ADLN50-64LX
OFT07W-ADLN	7" OFT, Intel® Processor N50 onboard, 8GB DDR5, 64GB eMMC, Wi-Fi/BT	Windows 10 IoT	OFT07W-ADLN50-64WN

PACKING LIST

✓ 1 x OFT07W-ADLN



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