

OFT-07WAD

7" Open Frame Tablet with Intel® N50



Product Features

- 7" 1280 x 800 / 1024 x 600 Open Frame Tablet with PCAP touch
- Onboard 8GB LPDDR5 / 64GB eMMC
- Fanless operation from 0°C ~ 40°C
- Intel® Processor N50, 6M Cache, up to 3.4 GHz
- Support Windows 10/11, Ubuntu 24.04

Specification

System Information

Processor	Intel® Processor N50, 6M Cache, up to 3.4 GHz
System Memory	8GB LPDDR5
CPU Cooler (Type)	Heatsink

Storage

Storage	64GB eMMC
Other Storage Device	1 x Micro SD Slot

Ethernet

LAN Chipset	Realtek RTL8111I-CG
Ethernet Interface	10/100/1000 Base-Tx GbE compatible

Power Requirement

DC Input	+12V ~ +24V
DC Input Connector	Lockable DC Jack

Software Support

OS	Windows 10/11, ubuntu 24.04
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Certification

Certification Information	CE, FCC Class A
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Panel

LCD Size	7"
Resolution	1280 x 800 1024 x 600
Luminance	350 cd/m2
Viewing angle	87.5 (U), 87.5 (D), 87.5 (L), 87.5 (R)
Touch Type	Projective capacitive multi-touch up to 10 points

External I/O

USB Port	2 x USB 3.0
Audio Port	1 x Audio Jack TRS
LAN Port	1 x RJ45
HDMI	1 x HDMI 2.0 Out
DC input	1 x DC Jack
Other	1 x Power button

Internal I/O

Internal I/O Connector	1 x A-MIC 1 x 16bit GPIO 1 x I2C 1 x RS-232/RS-485 1 x RTC Battery 1 x Speaker 2 x Touch Button 1 x USB 2.0 2 x USB 2.0 + DMIC
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Wireless Communication

WLAN	Wi-Fi 802.11a/b/g/n/ac/ax
Bluetooth	Optional BT 5.2

DC In / Out Characteristics

Input Voltage Range	DC +12 ~ +24V
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Power Type	AT
Mechanical & Environmental	
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
Dimension (W x L x H)	183.1 x 115.85 x 27.3 mm
Weight	0.55kg
Ordering Information	
Ordering Information	OFT-07WAD-N5-A1-1R, 7" OFT N50 8GB/64GB Non OS OFT-07WAD-N5-A1-2R, 7" OFT N50 8GB/64GB Win 10 OFT-07WAD-N5-A1-3R, 7" OFT N50 8GB/64GB Win 11