

OFT-07WAD

7" Open Frame Tablet with Intel® N50



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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

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Software Support

OS Windows 10/11, ubuntu 24.04

Certification

Certification Information CE, FCC Class A

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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Mechanical & Environmental

Operating Temp.	0°C ~ 40°C (32°F ~ 104°F)
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Storage Temp.	-20°C ~ 60°C (-4°F ~ 140°F)
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Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing
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Dimension (W x L x H)	183.1 x 115.85 x 27.3 mm
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Weight	0.55kg
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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
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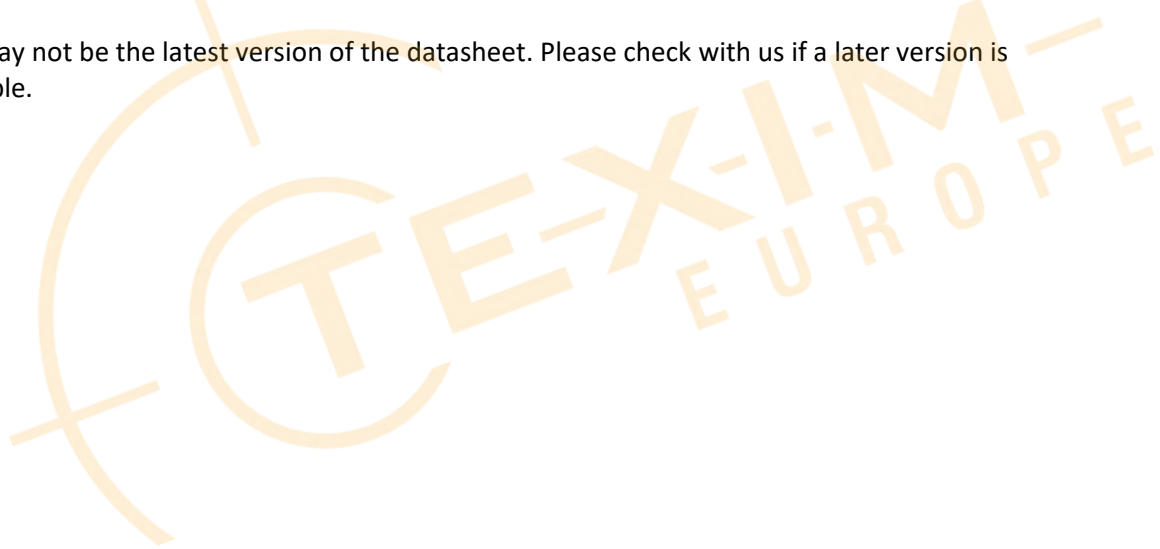
It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application.

Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary over time.

All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.

Please contact us if you have any questions about the contents of the datasheet.

This may not be the latest version of the datasheet. Please check with us if a later version is available.





Headquarters & Warehouse

Elektrostraat 17
NL-7483 PG Haaksbergen
The Netherlands

T: +31 (0)53 573 33 33
E: info@texim-europe.com
Homepage: www.texim-europe.com



The Netherlands

Elektrostraat 17
NL-7483 PG Haaksbergen

T: +31 (0)53 573 33 33
E: nl@texim-europe.com



Belgium

Zuiderlaan 14, box 10
B-1731 Zellik

T: +32 (0)2 462 01 00
E: belgium@texim-europe.com



UK & Ireland

St Mary's House, Church Lane
Carlton Le Moorland
Lincoln LN5 9HS

T: +44 (0)1522 789 555
E: uk@texim-europe.com



Germany

Bahnhofstrasse 92
D-25451 Quickborn

T: +49 (0)4106 627 07-0
E: germany@texim-europe.com



Germany

Martin-Kollar-Strasse 9
D-81829 München

T: +49 (0)89 436 086-0
E: muenchen@texim-europe.com



Austria

Warwitzstrasse 9
A-5020 Salzburg

T: +43 (0)662 216 026
E: austria@texim-europe.com



Nordic

Stockholmsgade 45
2100 Copenhagen

T: +45 88 20 26 30
E: nordic@texim-europe.com



Italy

Martin-Kollar-Strasse 9
D-81829 München

T: +49 (0)89 436 086-0
E: italy@texim-europe.com