

OFT-10WAD

10.1" Open Frame Tablet with Intel® N50



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Product Features

- 10.1" 1280 x 800 / 1920 x 1200 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

Display

Graphic Chipset	Intel® UHD Graphics
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Ethernet

LAN Chipset	Realtek RTL8111I-CG
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	1 x RJ45

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Power Requirement

DC Input	+12V ~ +24V
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DC Input Connector	Lockable DC Jack
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Power Type	AT
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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	10.1"
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Resolution	1280 x 800
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Luminance	350 cd/m2
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Contrast ratio	1000
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Viewing angle	87.5 (U), 87.5 (D), 87.5 (L), 87.5 (R)
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Response time	25ms
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Backlight	LED
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Touch Type	Projective capacitive multi-touch up to 10 points
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External I/O

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

USB	1 x USB 2.0 by pin wafer
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COM Port	1 x RS-232/RS-485 by pin wafer
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GPIO	1 x 16-bit GPIO by pin wafer
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Other	1 x DC Input 1 x I2C 1 x RTC Battery 1 x Speaker 1 x Touch Button 1 x A-MIC
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Camera	1 x USB 2.0 + DMIC by pin wafer
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Wireless Communication

WLAN	Wi-Fi 802.11a/b/g/n/ac/ax
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Bluetooth	Optional BT 5.2
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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)	252 x 165.8 x 30.6 mm
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Weight	0.78 kg
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Ordering Information

Ordering Information	OFT-10WAD-N5-A1-1R, 10.1" OFT N50 8GB/64GB Non OS OFT-10WAD-N5-A1-2R, 10.1" OFT N50 8GB/64GB Win 10 OFT-10WAD-N5-A1-3R, 10.1" OFT N50 8GB/64GB Win 11
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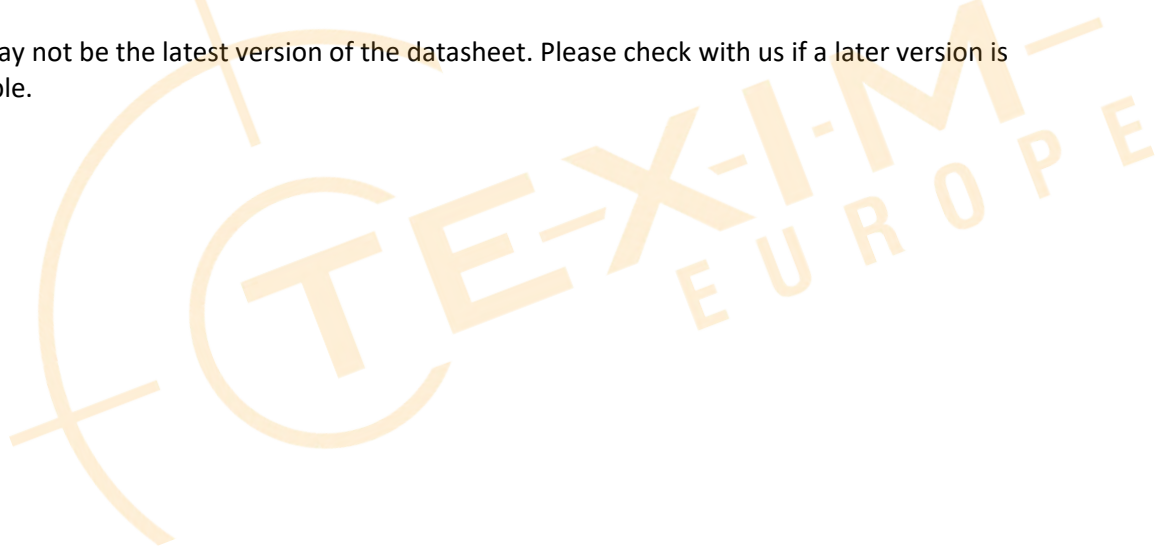
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Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary over time.

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.





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