# OFT-10WAD

**10.1" Open Frame Tablet with Intel® N50/X7211E**

## 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 , Intel® Processor X7211E, 6M Cache, up to 3.2 GHz
- Support Windows 10/11, Ubuntu 24.04

## Specification

| System Information | |
|---|---|
| **Processor** | Intel® Processor N50, 6M Cache, up to 3.4 GHz ,<br>Intel® Processor X7211E, 6M Cache, up to 3.2 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 |

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

| Power Requirement | |
|---|---|
| **DC Input** | +12V ~ +24V |
| **DC Input Connector** | Lockable DC Jack |
| **Power Type** | AT |

| Software Support | |
|---|---|
| **OS** | Windows 10/11, Ubuntu 24.04 |

| Certification | |
|---|---|
| **Certification Information** | CE, FCC Class A |

| Panel | |
|---|---|
| **LCD Size** | 10.1'' |
| **Resolution** | 1280 x 800 |
| **Luminance** | 350 cd/m2 |
| **Contrast ratio** | 1000 |
| **Viewing angle** | 87.5 (U), 87.5 (D), 87.5 (L), 87.5 (R) |
| **Response time** | 25ms |
| **Backlight** | LED |
| **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 | |
|---|---|
| **USB** | 1 x USB 2.0 by pin wafer |
| **COM Port** | 1 x RS-232/RS-485 by pin wafer |
| **GPIO** | 1 x 16-bit GPIO by pin wafer |

| | |
|---|---|
| **Other** | 1 x DC Input<br>1 x I2C<br>1 x RTC Battery<br>1 x Speaker<br>1 x Touch Button<br>1 x A-MIC |
| **Camera** | 1 x USB 2.0 + DMIC by pin wafer |

## Wireless Communication

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

## 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,<br>Non-condensing |
| **Dimension (W x L x H)** | 252 x 165.8 x 30.6 mm |
| **Weight** | 0.78 kg |

## Ordering Information

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|---|---|
| **Ordering Information** | OFT-10WAD-N5-A1-1R, 10.1" OFT N50 8GB/64GB Non OS<br>OFT-10WAD-N5-A1-2R, 10.1" OFT N50 8GB/64GB Win 10<br>OFT-10WAD-N5-A1-3R, 10.1" OFT N50 8GB/64GB Win 11<br><br>OFT-10WAD-N7-A1-1R, 10.1" OFT X7211E 8GB/64GB Non OS<br>OFT-10WAD-N7-A1-2R, 10.1" OFT X7211E 8GB/64GB Win 10<br>OFT-10WAD-N7-A1-3R, 10.1" OFT X7211E 8GB/64GB Win 11 |