



## M08T1 8.7" General-purpose Industrial Tablet

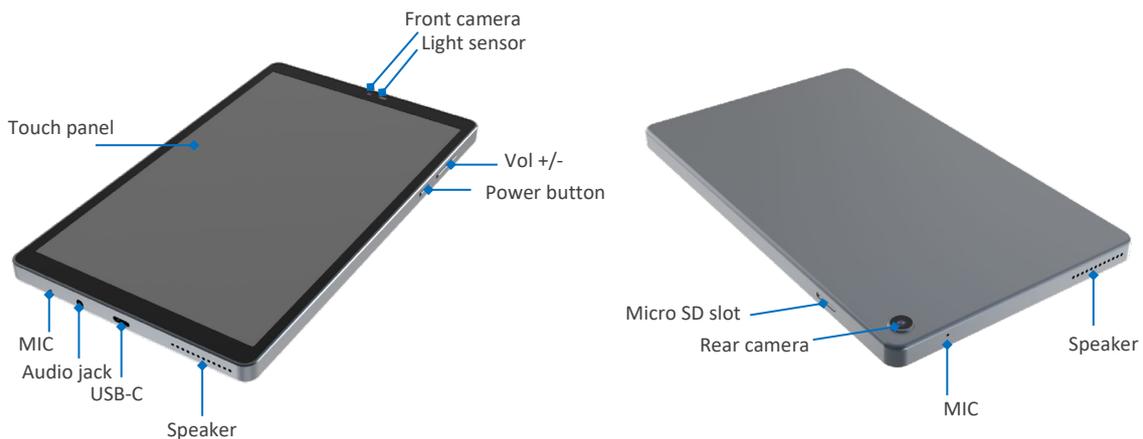
### Product Brief

Vantron M08T1 industrial tablet is powered by a MediaTek octa-core high-performance processor, delivering exceptional processing power and fast system responsiveness. It features an 8.7-inch IPS display with a multi-touch PCAP screen, offering sharp visuals and intuitive touch interaction for enhanced usability across various environments.

Providing 350 nits of brightness and a 1340 x 800 @60Hz resolution, the M08T1 is OCA bonded, offering excellent outdoor visibility and smooth operation. For connectivity and expansion, the device supports USB OTG and a TF card slot, alongside Wi-Fi and Bluetooth for flexible wireless communication. It is further equipped with front and rear cameras for imaging and documentation tasks, as well as stereo speakers for clear audio playback.

With its comprehensive set of features, the M08T1 enhances workflow efficiency, accuracy, and operational reliability. It is an ideal solution for industries such as warehousing, manufacturing, and healthcare, where enterprise-level productivity and operational effectiveness are paramount.

### Exterior and Features



MediaTek octa-core high-performance processor



Large storage capacity for faster responsiveness



8.7" HD IPS display, 350 nits, OCA bonding



High-resolution front and rear cameras



Dual-band WLAN, BT 5.0



4000mAh rechargeable battery



Stereo speaker for clear audio output

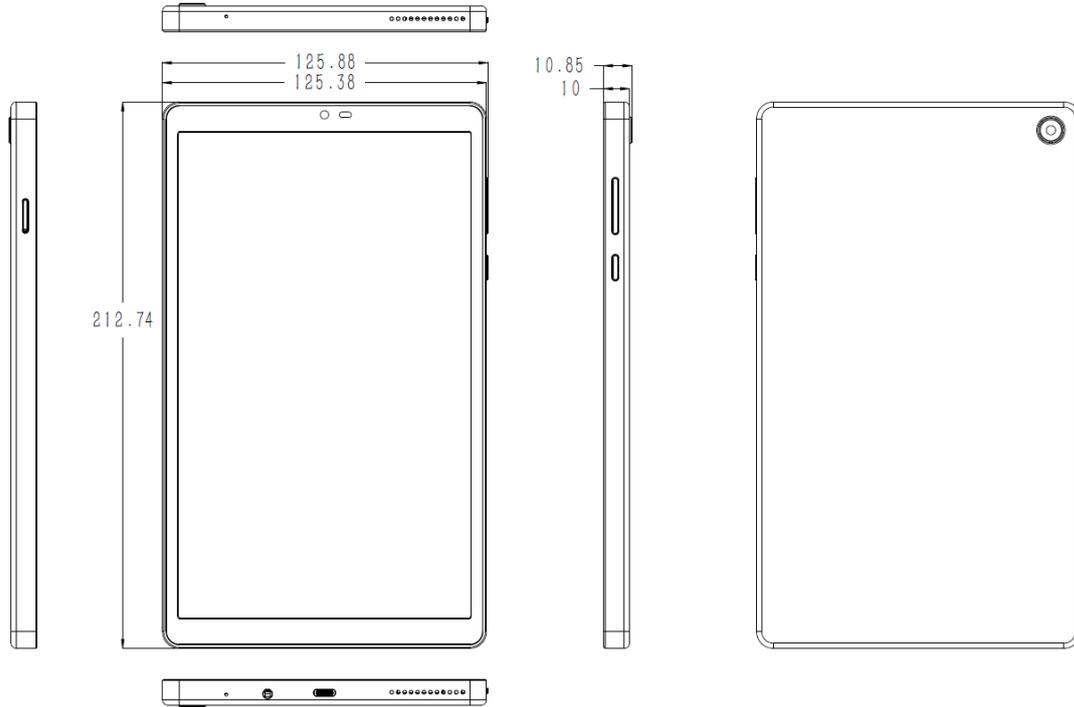


USB Type-C for data transfer and power charging

## M08T1 8.7" General-Purpose Industrial Tablet Datasheet

| M08T1                          |                   |  |  |
|--------------------------------|-------------------|--|--|
| <b>System</b>                  | CPU               | MediaTek MT8781, Dual-core Arm Cortex-A76, 2.2GHz + Hexa-core Arm Cortex-A55, 2.0GHz |  |
|                                | GPU               | Mali-G57 MC2 @1000MHz  |  |
|                                | Memory            | 4GB LPDDR4 (Optional: 8GB)   |  |
|                                | Storage           | 64GB eMMC V5.1 (Optional: 128GB)   |  |
| <b>Communication</b>           | Wi-Fi & Bluetooth | Wi-Fi 802.11 a/b/g/n/ac + BT 5.0   |  |
| <b>Media</b>                   | Display           | 8.7" 16:10 IPS panel   |  |
|                                |                   | Contrast ratio: 1000:1   | Resolution: 1340 x 800 @60Hz               |
|                                |                   | Brightness: 350 nits (Typical)   | Color depth: 16.7M                         |
|                                |                   | Viewing angle: 178° / 178°   |  |
|                                | TP                | 5-point PCAP touchscreen, anti-fingerprint   |  |
|                                |                   | Surface hardness: 6H   | Cover lens: IK03 rated                     |
|                                |                   | Light transmittance ratio: > 85%   | Finishing process: Chemical tempering      |
|                                | Camera            | Front camera: 2MP, Fixed focus   |  |
|                                |                   | Rear camera: 13MP, Auto focus  |  |
|                                | Audio             | 2 x 1w speaker   | 1 x 3.5mm Combo audio jack (CTIA standard) |
| 2 x Microphone                 |                   |  |  |
| <b>I/O</b>                     | USB               | 1 x USB 2.0 Type-C (OTG, charging)   |  |
|                                | SD slot           | 1 x Micro SD slot  |  |
| <b>Sensor</b>                  | Sensor support    | 3D accelerometer, Ambient light sensor   |  |
| <b>System Control</b>          | Button            | 1 x Power button   | 1 x Volume +/- button                      |
|                                | LED indicator     | 1 x Battery level indicator  |  |
| <b>Power</b>                   | Input             | USB Type-C power input (5V/2A DC, 9V/2A DC, 12V/2A, PD supported)                    |  |
|                                | Battery           | 4000mAh  |  |
| <b>Software</b>                | OS                | Android 15   |  |
|                                | Device management | BlueSphere MDM (Optional)  |  |
| <b>Mechanical Performance</b>  | Material          | PC + ABS   |  |
|                                | Casing color      | Grey   |  |
|                                | Dimensions        | 212.74mm x 125.88mm x 10.85mm  |  |
| <b>Environmental Condition</b> | Temperature       | Operating: 0°C ~+50°C  | Storage: -10°C ~+60°C                      |
|                                | Humidity          | 5%-95% RH (Non-condensing)   |  |
|                                | Certification     | FCC, CE  | ESD (Contact: ±4KV, Air: ±8KV)             |

## Product Outlines



## Ordering Information

| Ordering No. | Memory + Storage | Description  |
|--------------|------------------|--|
| M08T1        | 4GB + 64GB       | IPS display, Wi-Fi, Bluetooth, Front camera, Rear camera |
| M08T1-H      | 8GB +128GB       | IPS display, Wi-Fi, Bluetooth, Front camera, Rear camera |

| Packing List                            |   |                   |   |
|---|---|-------------------|---|
| M08T1 general-purpose industrial tablet | 1 | USB power adapter | 1 |
| USB cable                               | 1 | -                 | - |

Since its establishment in 2002 by two Silicon Valley entrepreneurs, Vantron Technology has been at the forefront of the connected IoT devices and IoT platform solutions. Today, Vantron boasts a global customer base that includes several Fortune 500 companies. Its product lines cover edge intelligent hardware, IoT communication devices, industrial displays and BlueSphere cloud device management platform.

Vantron's intelligent display systems are comprised of industrial tablets, touchscreen monitors, and all-in-one panel PCs that deliver enhanced device performance and exceptional human-machine interactive experience. The industrial tablets are powered by industry-leading brands such as Rockchip, NXP, MediaTek, and Intel. The touchscreen monitors offer flexible installation options to cater to various application scenarios. The all-in-one panel PCs offer an overall solution that integrates the touchscreen monitor, display, processor, and operating system. Moreover, the displays are built to excel in harsh environments thanks to advanced features like waterproofing, dustproofing, and shatter resistance.