

## M07 7" General-purpose Industrial Tablet











### Product Brief

Vantron M07 high-performance general-purpose industrial tablet is powered by a multi-core processor with a 7-inch capacitive touchscreen to offer excellent human-machine interaction experience. It runs Android system and has up to 2GB memory and 16GB storage to ensure high performance.

M07 supports cloud connectivity to Vantron BlueSphere device management platform for centralized management. In addition, it features flexible specification options, large battery capacity and outperforming power management system to meet different requirements for industrial application, making it a good choice of handheld device for application in medical terminals, self-service retailing system, multi-media education, libraries, and laboratories.

### Exterior and Features

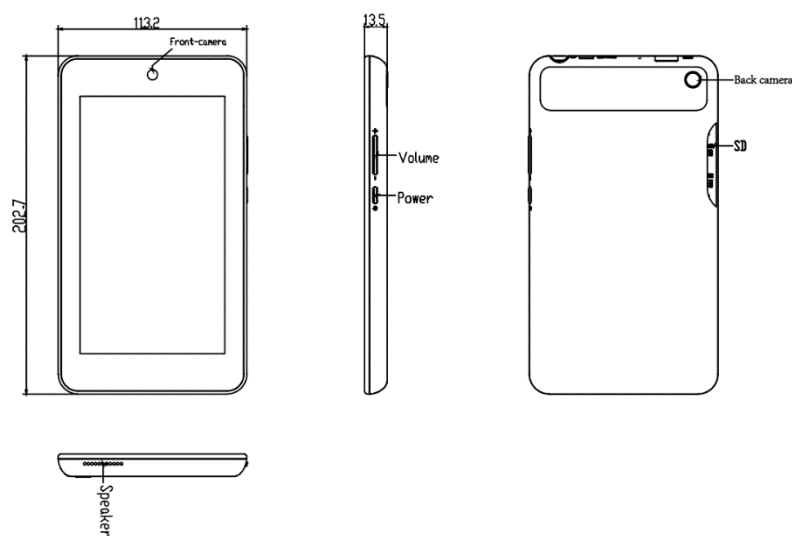


| M07   |   |
|---|---|
|  | Android 10  |
|  | 2GB Memory and 16GB Storage   |
|  | Front camera: 2MP, fixed focus  |
|  | Rear camera: 2MP, fixed focus   |
|  | 2400mAh Battery (Up to 4000mAh)   |
|  | 7" IPS TFT LCD, Resolution: 1024 x 600, Brightness: 280 cd/m <sup>2</sup> |
|  | Wi-Fi 802.11 b/g/n + BT 4.0 (expandable)                                  |
|  | USB Type-C, Power charge & data transmission supported                    |

## M07 7" General-purpose Industrial Tablet Datasheet

| M07                   |                            |   |
|-----------------------|----------------------------|---|
| System                | CPU                        | Quad-core ARM Cortex-A35 processor, 1.3GHz (Max.)                             |
|                       | GPU                        | Dvalin  |
|                       | Memory                     | 2GB   |
|                       | Storage                    | 16GB<br>1 x Micro SD slot, up to 128GB  |
| Communication         | Wi-Fi & Bluetooth          | Wi-Fi 802.11 b/g/n + BT 4.0<br>(Optional: Wi-Fi 802.11 a/b/g/n/ac + BT 5.0)   |
| Media                 | Display                    | 7" IPS TFT LCD<br>Resolution: 1024 x 600<br>Brightness: 280 cd/m <sup>2</sup> |
|                       | TP                         | 5-point capacitive touch screen   |
|                       | Camera                     | Front camera: 2MP, fixed focus<br>Rear camera: 2MP, fixed focus               |
|                       | Audio                      | 1 x 3.5mm combo audio jack<br>1 x 0.8W/8Ω speaker<br>1 x Mic                  |
| I/Os                  | USB                        | 1 x USB 2.0 Type-C (power charge & USB OTG supported)                         |
|                       | Button                     | 1 X Power on/off<br>1 X Volume +/-  |
| Sensor                | G-Sensor                   | Supported   |
| Clock                 | RTC                        | Supported   |
| Software              | OS                         | Android 10  |
|                       | Device management platform | BlueSphere MDM  |
|                       | OTA tool                   | BlueSphere OTA  |
| Power                 | Input                      | USB Type-C power input, 5V/2A DC  |
|                       | Battery                    | Single-cell Li-ion battery: 2400mAh/3.7V<br>(Optional: 4000mAh/3.7V)          |
| Mechanical            | Dimensions                 | 202.7mm x 113.2mm x 13.5mm  |
| Environment Condition | Temperature                | Operating: 0°C~+45°C<br>Storage: -20°C~+45°C                                  |
|                       | Humidity                   | Operating: 20%-80% RH<br>Storage: 20%-80% RH                                  |
|                       | Certification              | FCC (Part 15 class B)<br>ESD (contact: ±4KV and air: ±8KV)                    |

## Product Outlines



## Ordering Information

| Ordering No. | Wi-Fi & Bluetooth                |
|--------------|----------------------------------|
| M07-L        | Wi-Fi b/g/n & Bluetooth 4.0      |
| M07-H        | Wi-Fi a/b/g/n/ac & Bluetooth 5.0 |

| Packing list          |   |
|-----------------------|---|
| M07 Industrial tablet | 1 |
| 5V/2A 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 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.