



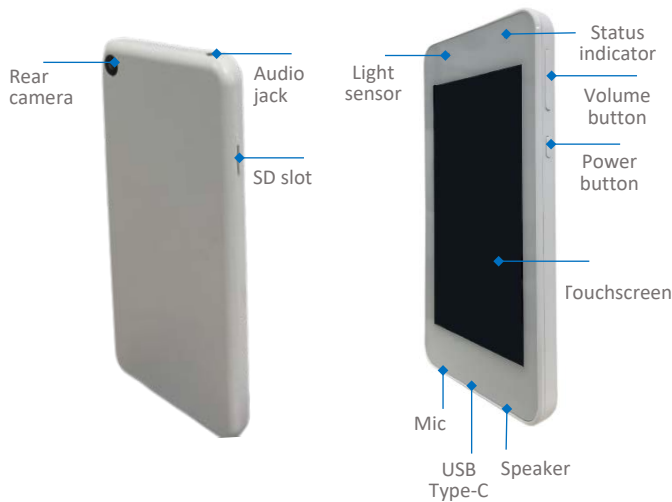
M05 5" General-purpose Industrial Tablet







Product Brief

Vantron M05 high-performance general-purpose industrial tablet is powered by MediaTek multi-core processor with a 5-inch capacitive touchscreen to offer excellent human-machine interaction experience. The industrial tablet runs Android system and supports cloud connectivity to Vantron BlueSphere device management platform for centralized management, allowing businesses to manage devices and streamline operations more easily and efficiently.

M05 features flexible specification options, excellent cost performance, and out-performing power management system. M05 is very suitable to meet different requirements for application in retail businesses, multi-media education, transportation, laboratories, and libraries.

Exterior and Features

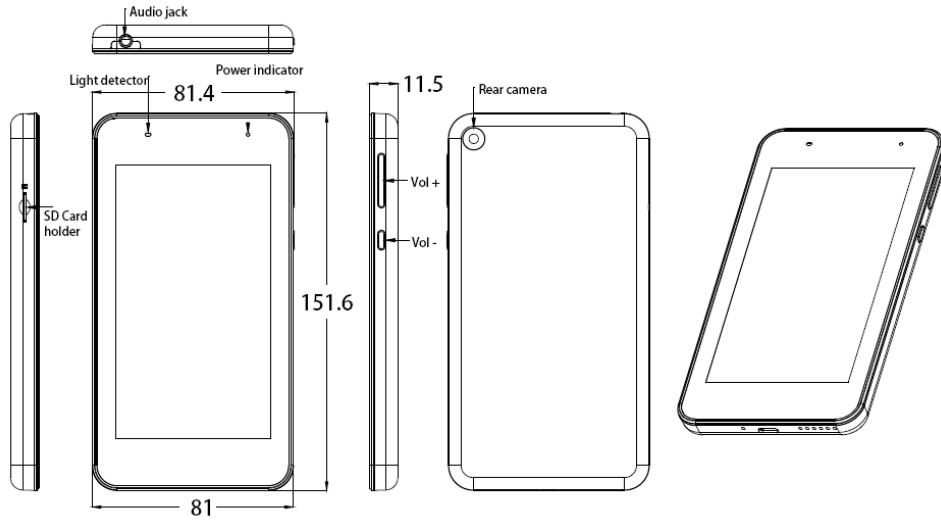


M05	
	Android 10
	2GB Memory and 16GB Storage
	Rear camera, 2MP, fixed focus
	2400mAH Battery
	5" IPS TFT LCD, 480 x 854, 300 cd/m ²
	Wi-Fi 802.11 b/g/n + BT4.0 (expandable)
	USB Type-C, Charge & data transmission

M05 5" General-purpose Industrial Tablet Datasheet

M05		
System	CPU	MediaTek MT8362, Quad-core ARM Cortex-A35 processor, 1.5 GHz (Max.)
	GPU	GE8300
	Memory	2GB
	Storage	16 GB 1 x Micro SD slot, up to 128GB
Communication	Wi-Fi & Bluetooth	Wi-Fi 802.11 b/g/n + BT 4.0 (Optional: Wi-Fi 802.11 a/b/g/n/ac + BT 5.0)
Media	Display	5" IPS TFT LCD Resolution: 480 x 854 Brightness: 300 cd/m ²
	TP	3-point capacitive touch screen
	Camera	Rear camera: 2MP, fixed focus
	Audio	1 x 3.5mm combo audio jack 1 x 0.8W/8Ω speaker 1 x Mic
	I/Os	USB
Sensor	RTC	Supported
	Light sensor	Supported
System Control	G-Sensor	Supported
	Button	1 x Power on/off 1 x Volume -/+
Software	Status indicator	Amber: Charging Red: Low power Green: Fully charged
	OS	Android 10
	Device management platform	BlueSphere MDM
Power	OTA tool	BlueSphere OTA
	Input	USB Type-C power input, 5V/2A DC
Mechanical	Battery	Single-cell Li-ion battery: 2400mAh/3.7V
	Dimensions	151.6mm x 81.4mm x 11.5mm
	IP rating	IP4X
Environment Condition	Temperature	Operating: 0°C~+45°C Storage: -20°C~+60°C
	Humidity	Operating: 20%-80% RH Storage: 20%-80% RH
	Certification	FCC (Part 15 class B) ESD (Contact: ±4KV, Air: ±8KV)

Product Outlines



Ordering Information

Ordering No.	Wi-Fi & Bluetooth
M05-L	Wi-Fi b/g/n & Bluetooth 4.0
M05-H	Wi-Fi a/b/g/n/ac & Bluetooth 5.0

Packing list	
M05 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 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.