

M10 Series 10"

General-purpose Industrial Tablets




















Product Brief

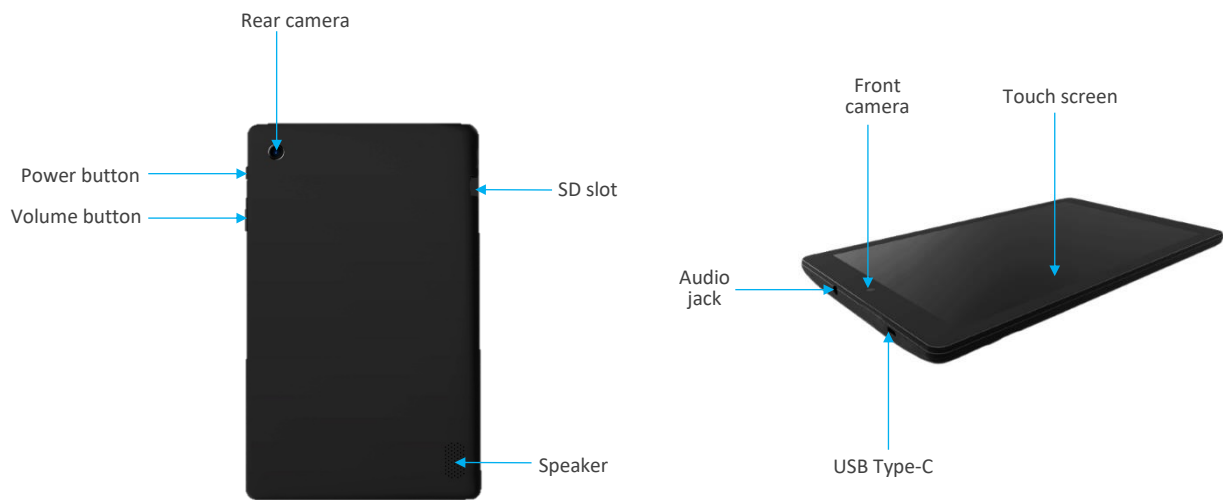
Vantron M10 series 10" general-purpose industrial tablets are powered by multi-core processor with a 10-inch capacitive touchscreen to offer excellent human-machine interactive experience. This series supports cloud connectivity to Vantron BlueSphere device management platform for centralized management. The devices feature flexible specification options, large battery capacity, and out-performing power management system to meet different requirements for application in retail businesses, multi-media education, transportation, laboratories, and libraries.

Models available under this series are M10 Lite and M10 Pro. M10 Lite is a compact edition which retains the most basic features of industrial tablets and provides a low-cost solution for clients with performance guarantee. While M10 Pro is an advanced edition that enhances CPU performance and upgrades certain specifications. Moreover, it is superior in functions such as 4G, NFC, larger battery capacity and LED indicators to respond to the needs of more industrial scenarios in a more flexible manner.

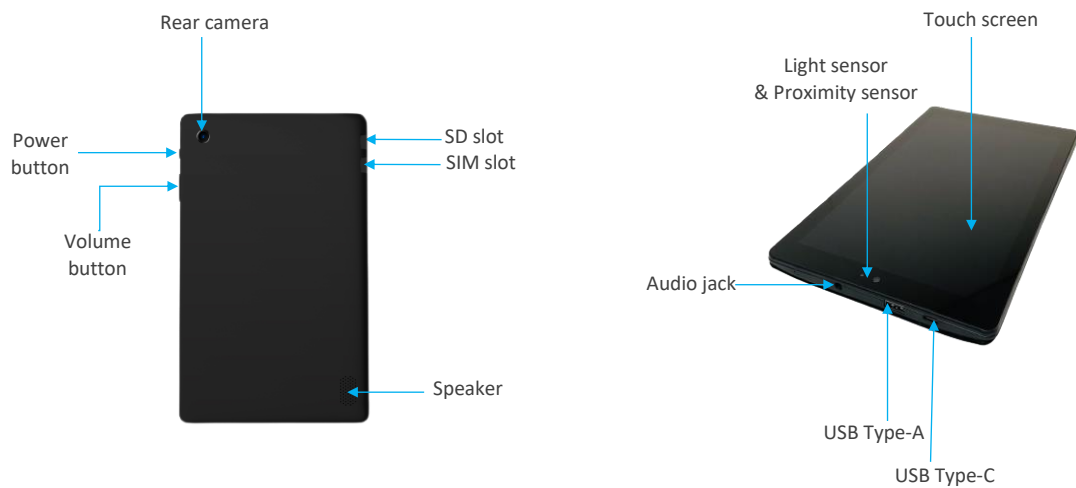
Exterior and Features

M10 Lite	M10 Pro
 Android 10	 Android 11, GMS certified
 2GB Memory and 16GB Storage	 4GB Memory and 32GB Storage
 Front camera: 2MP, Rear camera: 2MP	 Rear camera: 8MP, auto focus
 4000mAH Battery (up to 8000mAH)	 8000mAH Battery with charging indicator
 10.1" IPS TFT LCD Resolution: 1280x800 Brightness: 280cd/m ²	 10.1" IPS TFT LCD Resolution: 1280x800 Brightness: 280cd/m ²
 Wi-Fi 802.11 b/g/n + BT4.0 (expandable)	 Dual band Wi-Fi 802.11 a/b/g/n/ac + BT5.0
 USB Type-C Power charge & data transmission supported	 USB Type-C 9V/2A fast charge & data transmission supported
	 4G, AT&T and Verizon certified
	 NFC supported
	 Light sensor and proximity sensor supported

M10 Lite



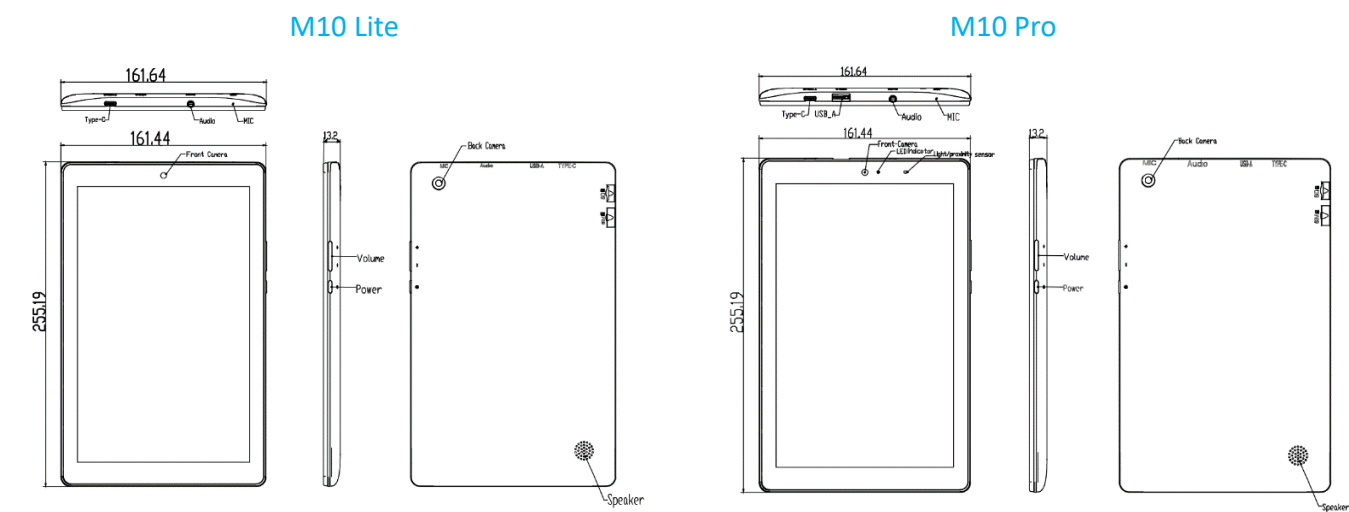
M10 Pro



M10 10" General-purpose Industrial Tablets Datasheet

Model		M10 Lite	M10 Pro
System	CPU	Quad-core ARM Cortex-A35 processor, 1.3GHz (Max.)	Quad-core ARM Cortex-A55 processor, 1.8GHz (Max.)
	GPU	Dvalin	Mali-G52
	Memory	2GB	2GB (Optional:4GB)
	Storage	16 GB 1 x Micro SD slot, up to 128GB	16GB (Optional: 32GB) 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)	Wi-Fi 802.11 a/b/g/n/ac + BT 5.0
	4G LTE	NA	LTE CAT 4 (Optional)
	NFC	NA	Optional
Media	Display	10.1" IPS TFT LCD Resolution: 1280 x 800 Brightness: 280 cd/m ²	10.1" IPS TFT LCD Resolution: 1280 x 800 Brightness: 280cd/m ²
	TP	5-point capacitive touchscreen	10-point capacitive touchscreen
	Camera	Front camera: 2MP, fixed focus Rear camera: 2MP, fixed focus	Front camera: 5MP, fixed focus Rear camera: 8MP, auto focus
	Audio	1 x 3.5mm combo audio jack 1 x 0.8W/8Ω speaker 1 x Mic	1 x 3.5mm combo audio jack 1 x 1W/8Ω Speaker 1 x Mic
I/Os	USB	1 x USB 2.0 Type-C (USB OTG supported)	1 x USB 2.0 Type-A 1 x USB 2.0 Type-C (USB OTG supported)
	SIM slot	NA	1 x Micro-SIM slot
	RTC	Supported	Supported
Sensor	Light sensor	NA	Optional
	Proximity sensor	NA	Optional
	G-Sensor	Supported	Supported
System Control	Button	1 x Power on/off 1 x Volume -/+	1 x Power on/off 1 x Volume -/+
	LED	NA	Amber: Charging Red: Low power Green: Charged
Software	OS	Android 10	Android 11, GMS certified
	Device management platform	BlueSphere MDM	BlueSphere MDM
	OTA tool	BlueSphere OTA	BlueSphere OTA
Power	Input	USB Type-C power input, 5V/2A DC	USB Type-C power input, 5V/2A DC (Default) (9V/2A DC fast charge supported)
	Battery	Single Li-ion battery: 4000mAh/3.7V (Optional: 8000mAh/3.8V)	Single Li-ion battery: 8000mAh/3.8V
Mechanical	Dimensions	255mm x 161.5mm x 13.2mm	255mm x 161.5mm x 13.2mm
Environment Condition	Temperature	Operating: 0°C~+45°C Storage: -20°C~+45°C	Operating: 0°C~+45°C Storage: -20°C~+45°C
	Humidity	Operating: 20%-80% RH Storage: 20%-80% RH	Operating: 20%-80% RH Storage: 20%-80% RH
	Certification	FCC (Part 15 class B) ESD (contact: ±4KV and air: ±8KV)	FCC (Part 15 Class B) ESD (contact: ±4KV and air: ±8KV)

Product Outlines



Ordering Information

Ordering No.	Wi-Fi & Bluetooth
M10 Lite-L	Wi-Fi b/g/n & Bluetooth 4.0
M10 Lite-H	Wi-Fi a/b/g/n/ac & Bluetooth 5.0

Packing list	
M10 Lite Industrial tablet	1
5V/2A Power adapter	1
USB cable	1

Ordering No.	Memory & Storage	4G network
M10 Pro-L	2GB + 16GB	-
M10 Pro-L4	2GB + 16GB	Yes
M10 Pro-H	4GB + 32GB	-
M10 Pro-H4	4GB + 32GB	Yes

Packing list	
M10 Pro 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.