M10 Series 10”

General-Purpose Industrial Tablets



Product Brief

Vantron M10 series 10” general-purpose industrial tablets are powered by ARM-based multi-core processors and feature a 10-inch capacitive touchscreen that delivers an excellent human-machine interaction experience. The devices support flexible configuration, a large battery capacity, and a high-performance power management system to meet diverse application requirements in retail, multimedia education, transportation, laboratories, and libraries. This series also supports cloud connectivity to the Vantron BlueSphere MDM platform for centralized device management.

Models available in this series include M10 Lite, M10 Pro, M10 Plus, and M10 Q. The M10 Lite is a cost-effective variant that maintains the essential functions of an industrial tablet, providing customers with a reliable, budget-friendly solution. The M10 Pro and M10 Plus are premium versions equipped with higher-performance CPUs and expanded feature sets. They offer enhanced capabilities including NFC, larger battery capacity, and LED indicators. 4G connectivity is also available on the M10 Pro. The M10 Q further features top-tier configurations to flexibly support a wider range of industrial application scenarios.

Features Matrix

	M10 Lite	M10 Pro	M10 Plus	M10 Q
	ARM-based quad-core processor	ARM-based quad-core processor	ARM-based octa-core processor	ARM-based octa-core processor
	Android 10	Android 11, GMS certified	Android 16, Linux Yocto	Android 16, GMS certified
	2MP + 2MP cameras	5MP + 8MP cameras	5MP + 13MP cameras	13MP + 64MP cameras
	4000mAh battery	8000mAh battery	8000mAh battery	8000mAh battery
	10.1" IPS LCD, 1280x800, 280cd/m^2			10.1" IPS LCD, 1920x1200, 400cd/m^2
	Wi-Fi 5, BT	Wi-Fi 5, BT, 4G LTE, NFC	Wi-Fi 5, BT, GNSS, NFC	Wi-Fi 6, BT, NFC
	USB-C (Charge, data, OTG)	USB-C (PD, data, OTG), USB-A	USB-C (PD, data, OTG), USB-A	USB-C (PD, data, OTG, DP)
	G-sensor	G-sensor, light sensor, proximity sensor, Gyroscope (NA for M10 Pro)		

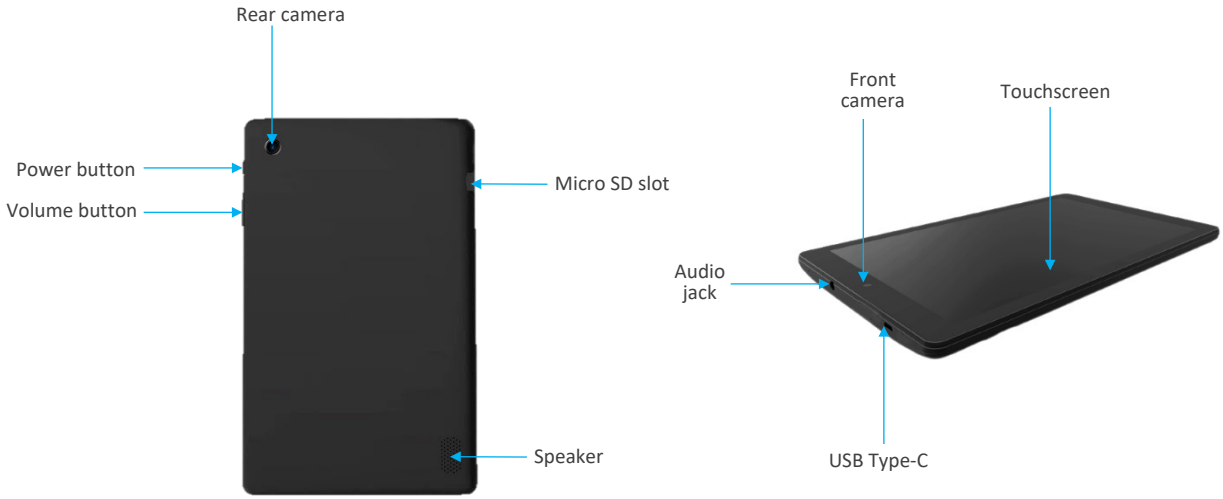
Specifications

Model		M10 Lite	M10 Pro	M10 Plus	M10 Q
System	CPU	Quad-core ARM Cortex-A35, 1.3GHz (Max.)	Quad-core ARM Cortex-A55, 1.8GHz (Max.)	2 x ARM Cortex-A76 @2.2GHz + 6 x ARM Cortex-A55 @2.0GHz	Octa-core ARM CPU (1 x @2.9GHz + 3 x @2.4GHz + 4 x @2.0GHz)
	GPU	ARM Mali-G31 MP2, 650MHz	ARM Mali-G52 MP2, 850MHz	ARM Mali-G57 MC2, 1GHz	Qualcomm® Adreno™, 1.15 GHz
	Memory	2GB	2GB (Optional: 4GB)	8GB (Optional: 4GB)	4GB (Optional: 6GB)
	Storage	16 GB 1 x Micro SD slot	16GB (Optional: 32GB) 1 x Micro SD Slot	64GB (Optional: 32GB) 1 x Micro SD Slot	64GB (Optional: 128GB) 1 x Micro SD Slot
Communication	Wi-Fi & BT	802.11 b/g/n + BT 4.0 (Optional: 802.11 a/b/g/n/ac + BT 5.0)	802.11 a/b/g/n/ac + BT 5.0	802.11 a/b/g/n/ac + BT 5.2	802.11 a/b/g/n/ac/ax + BT 5.4
	4G LTE	NA	Optional: LTE Cat-4 (US)	NA	NA
	GNSS	NA	NA	GPS, Galileo, GLONASS, BDS	NA
	NFC	NA	Optional	Supported	Supported
Media	Display	10.1" IPS TFT LCD			
	Features	1280 x 800, 280cd/m^2, 16:10, 800:1			1920 x 1200, 400cd/m^2, 16:10, 1000:1
	TP	5-point capacitive touchscreen		10-point capacitive touchscreen	
	Camera	Front: 2MP, fixed focus Rear: 2MP, fixed focus	Front: 5MP, fixed focus Rear: 8MP, auto focus	Front: 5MP, fixed focus Rear: 13MP, auto focus	Front: 13MP, fixed focus Rear: 64MP, auto focus
	Audio	1 x 3.5mm Combo audio jack			
		1 x 0.8W/8Ω speaker	1 x 1W/8Ω Speaker	1 x 1W/8Ω Speaker	2 x 2W/4Ω Speaker
		1 x Mic	1 x Mic	1 x Mic	4-Mic array
I/O	USB	1 x USB 2.0-C (Charge, data, OTG)	1 x USB 2.0-A 1 x USB 2.0-C (PD, data, OTG)	1 x USB 2.0-A* 1 x USB 2.0-C (PD, data, OTG)	1 x USB 2.0-C (PD, data, OTG, DP)
	SIM slot	NA	1 x Micro SIM slot	NA	NA
	SD slot	1 x Micro SD slot			
Miscellaneous	RTC	Supported			
Sensor	Light sensor	NA	Optional	Supported	Supported
	Proximity sensor	NA	Optional	Supported	Supported
	G-sensor	Supported			
	Gyroscope	NA	NA	Supported	Optional
System Control	Button	1 x Power on/off, 1 x Volume -/+			
	Power LED	NA	Red: ≤10% power remaining Amber: Charging in progress Green: ≥96% charged		
Software	OS	Android 10	Android 11, GMS certified	Android 16, Linux Yocto	Android 16, GMS certified
	Device mgmt.	BlueSphere MDM (Optional for Android version)			
Power	Input	5V/2A DC	5V/2A DC (Default), 9V/2A DC (PD)		
	Battery	4000mAh/3.7V (Optional: 8000mAh/3.8V)	8000mAh/3.8V	8000mAh/3.8V	8000mAh/3.8V
Mechanical	Dimensions	255.19 x 161.44 x 13.2mm	255.19 x 161.44 x 13.2mm	255.01 x 161.88 x 13.2mm	254.2 x 153.42 x 12.7mm
Environmental Condition	Temperature	Operating: 0°C~+45°C Storage: -20°C~+45°C	Operating: 0°C~+45°C Storage: -20°C~+45°C	Operating: 0°C~+45°C Storage: -20°C~+60°C	Operating: -10°C~+50°C Storage: -20°C~+70°C
	Humidity	20%-80% RH (Non-condensing)		10%-90% RH (Non-condensing)	5%-95% RH (Non-condensing)
	Certification	CE, FCC (Part 15 Class B), ESD (contact: ±4KV and air: ±8KV)			

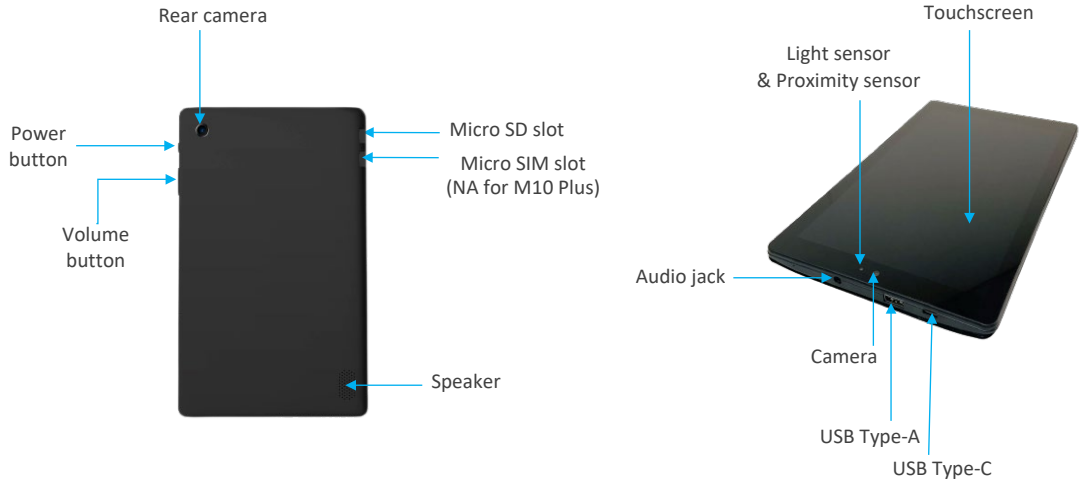
*** USB Type-A is disabled when USB Type-C ADB is enabled.**

Appearance

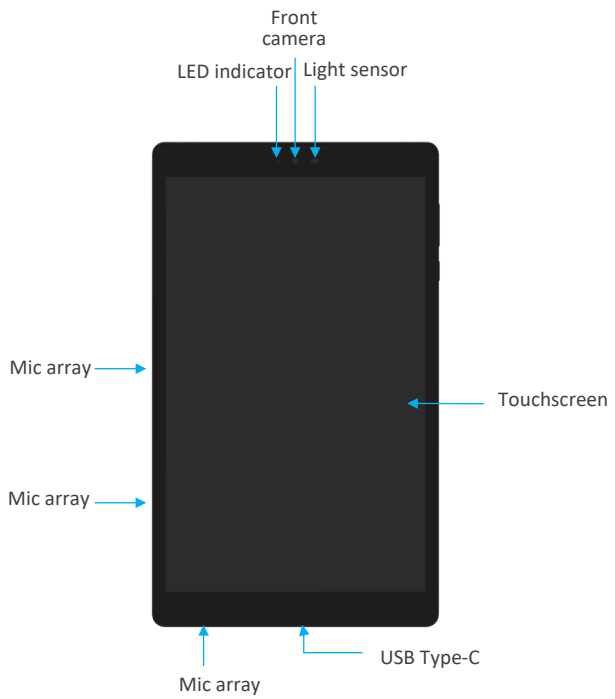
M10 Lite



M10 Pro & M10 Plus



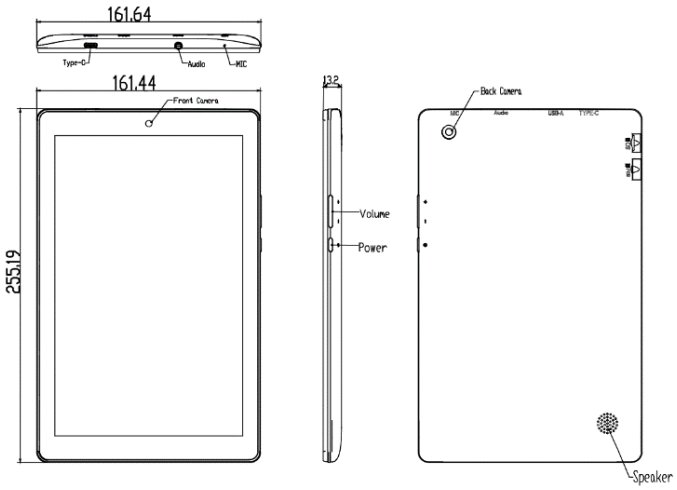
M10 Q



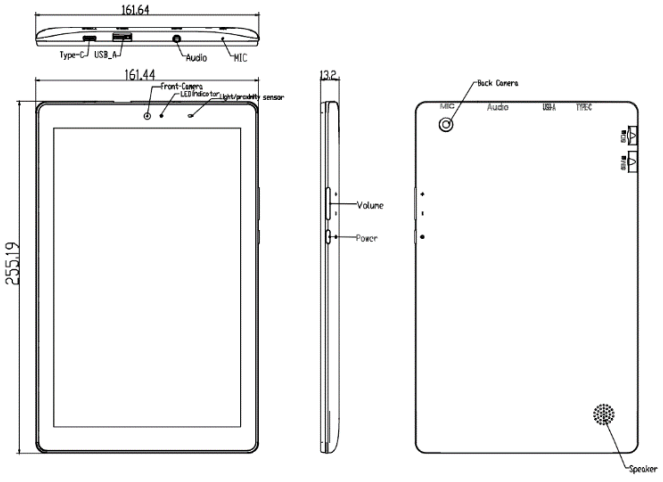


Product Outlines

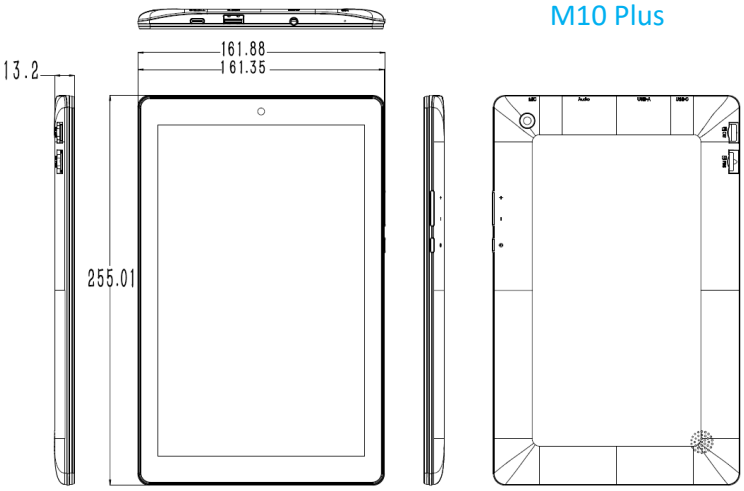
M10 Lite



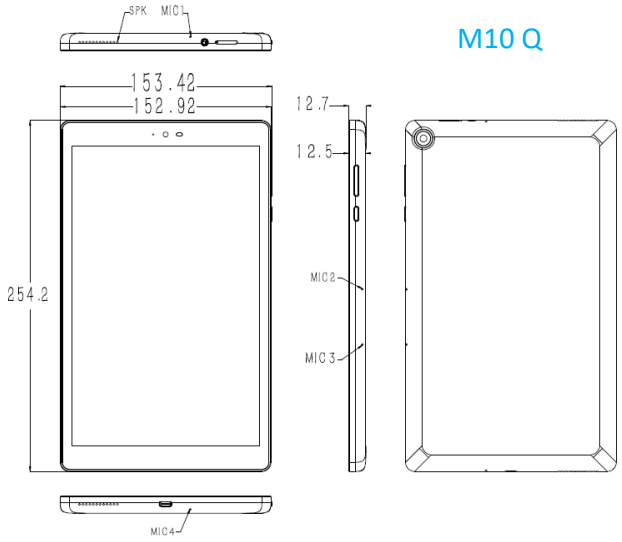
M10 Pro



M10 Plus



M10 Q



Ordering Information

Ordering No.	Wi-Fi & BT
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 LTE
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

Ordering No.	Memory & Storage	Wi-Fi & BT	NFC
M10 Plus-L	4GB + 32GB	Yes	Yes
M10 Plus-H	8GB + 64GB	Yes	Yes

Packing List	
M10 Plus industrial tablet	1
5V/2A power adapter	1
USB cable	1

Ordering No.	Memory & Storage	NFC	Wi-Fi & BT
M10 Q-L	4GB +64GB	Yes	Yes
M10 Q-H	6GB + 128GB	Yes	Yes

Packing List	
M10 Q industrial tablet	1
5V/2A power adapter	1
USB cable	1

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