

# NEW JM TAB+ with 4G series tablet

## Product specification V1.0



## 1. PERFORMANCE CHARACTERISTICS

<b>CPU</b>	Cortex™-A53Quad core1.2GHz
<b>Operating System</b>	Android 5.1
<b>RAM</b>	2GB
<b>ROM</b>	16GB
<b>Expansion Slot</b>	MicroSDCard, 32GB SDHC compatible
<b>Interface/Communication</b>	Industrial Micro USB interface, supportUSB2.0 HighSpeed, supportOTG
	Micro SIM Card, TF Card, PSAM Card (optional)
<b>Keyboard</b>	6 main keys (Lock screen key with backlight)
	3 side keys
<b>Display</b>	7" full-view LCD, capacitive, touch-with or without a thick glove/with dry or wet hand,touch pen
	1280(H)×800(W)WXGA
<b>Power</b>	Non-removable 6200mAH rechargeable li-ion battery
	Side interface: standard Micro USB charging interface, intelligent identification of PC and special charger
	Contact at the bottom of the tail plug interface: support for charging
<b>Battery Performance</b>	Continue to work: more than 12 hours (normally display on and scan once every 6 seconds and WLAN transmission)
	RTC time: more than 168 hours
	Dormancy standby: more than 1 months (GPRS) online, offline (GPRS) is greater than 1.5 month
<b>Notification</b>	Sound, vibration, LED indicator light
<b>Audio</b>	Built-in double speakers, built-in microphone, the 3.5 mm stereo headset interface
<b>Sensor (optional)</b>	Acceleration sensor, light sensor, electronic compass and gyroscope
<b>Dimension</b>	123(H)×199(W)×11(T)mm (21mm at barcode engine)
<b>Weight (including standard cell)</b>	485g (Including battery depends on different configurations)
<b>Operating Temp</b>	-20℃ to +50℃
<b>Storage Temp</b>	-40℃ to +60℃
<b>Humidity</b>	5% to 95% RH non-condensing
<b>Sealing</b>	IP65
<b>Drop Specification</b>	1.2M
<b>ESD</b>	±15kV air, ±8kV direct

## 2. DATA CAPTURE OPTIONS

Function1	2D advanced Imagers Scan engineN6603
Image resolution	844(H)×640(V)
Rotate	360°
Pitch Angle	±45°
Skew Tolerance	±65°
Laser safety grade	Class 2
Scan Depth	7cm(5mil),36cm(20mil)
Code Support	Aztec Code, Codabar, Codablock F, Code 11, Code 128, Code 2 of 5, Code 39, Code 93, Data Matrix, EAN/JAN-13, EAN/JAN 8, EAN-UCC Composite Codes, EAN-UCC Emulation, Interleaved 2 of 5, Matrix 2 of 5, MaxiCode, MSI,PDF417,Postal Codes (Australian Post, China Post, Japanese Post, Planet Code,Postnet,Postnet Expanded, RSS Limited, RSS-14, TCIF Linked Code 39, Telepen, UPC-A, UPC-Eetc.
Light source system	White light, laser aiming (Red aiming is optional)
Minimum printing contrast	20%
Function2	GPS Location information collection
Location	GPS+GLONASS+BeidouNavigation, support AGPS
Working mode	GPS main location, BeidouNavigationand GLONASS assistant location
Frequency	GPS:L1(1.575GHz);BeidouNavigation: B1(1.561GHz); GLONASS:L1(1.602GHz)
Precision	5-10M
Function3	Front Camera
Maximum Resolution	1616V x 1232H pixel
Camera	Fixed focus
Pixel	200 megapixel
Function4	Rear Camera
Maximum resolution image	3264 x 2448 (taking pictures) ,720p 30fps (Camera)
Pixel	800 megapixel
Camera	Auto-focusing
Flash	Support double flashlights
Function5	RFID read/write(HF)
Read/write Label	Support ISO15693, ISO14443A/B (no encryption protocol),ISO14443A cryptographic protocol label (Mifare one S50,S70 and compatible CARDS) ;Support NFC protocol
Operating Frequency	HF frequency band13.56MHz
Scanning Distance	Reading distance0~5cm (ISO15693),0-3.5cm(ISO14443A/B) (Associated with label) Support for the two generation ID card reading



### 3. WIRELESS DATA COMMUNICATIONS

Function1	WLAN WIFI
Protocol	IEEE 802.11a/b/g/n (2.4G/5G dual-frequencyWIFI)
Frequency Range	Depending on the country (region), 2.4GHz is 2.412GHz-2.472 GHz;5GHz is 5.170GHz-5.825GHz
Working Channel	CH1~CH13,CH34~CH140,CH149~CH165
Security	OPEN,WEP,WPA2-PSK ( TKIP+AES ),TLS,TTLS (MS-CHAP),TTLS(MS-CHAP v2),TTLS (CHAP),TTLSMD5,TTLS-PAP,PEAP-TLS,PEAP(MS-CHAP v2),AES etc.
Transmission Distance	2.4 G is more than 150 meters, 5 G is greater than 100 meters (industrial-grade AP, empty region)
Data Rate	802.11a: 6,9,12,18,24,36,48,54Mbps 802.11b: 1, 2,5.5,11Mbps 802.11g: 6,9,12,18,24,36,48,54Mbps 802.11n: 6.5,13,19.5,26,39,52,58.5,65Mbps (20MHz,Long GI,800ns) 802.11n: 7.2,14.4,21.7,28.9,43.3,57.8,65,72.2Mbps (20MHz,short GI,400ns)
Function2	WWAN (TD-SCDMA+WCDMA+EVDO:7 mode 15 frequency )
Frequency Band	GSM:850/900/1800Mhz TD-SCDMA:Band34,Band39 WCDMA:Band1,Band5 CDMA 1x /EVDO :BC0 TDD-LTE:Band38,Band39,Band40,Band41 FDD-LTE:Band1,Band3
Communication Rate	GPRS:DL / UL171.2kbps;EDGE:DL / UL384 kbps TD: DL 2.8 Mbps / UL 2.2 Mbps DC-HSPA+: DL 42Mbps / UL 5.76 Mbps CDMA1x: DL 153.6kbps/ UL 153.6kbps;EVDO: DL 3.1 Mbps / UL 1.8 Mbps TDD-LTE:DL 117 Mbps / UL 30 Mbps (CAT4) FDD-LTE:DL 150 Mbps / UL 50 Mbps (CAT4)
Function3	WPAN Bluetooth
Standard	Bluetooth 4.0 (Dual mode, support BLE)
Power	Class 2
Distance	>20 meters (industrial-grade Bluetooth adapter)



#### **4. THIRD PARTY APPLICATION DEVELOPMENT SUPPORT**

<b>System Software</b>	Android 5.1
<b>System programming environment</b>	Android IDE(Eclipse)

#### **5. PERIPHERALS AND ACCESSORIES**

<b>Standard Accessories</b>	Tablet, charger 5V/2.5A×1,USB cable×1, 1 x hand strap
<b>Optional Accessories</b>	Single-slot multi-functional charging base, serial cable,RS485 cable ,Magnetic cable, Mounting bracket, Vehicle mount, knapsack, Touch pen