

ATX-800 V13



8700 mAh battery



ATA Spec 2000 Chapter 9.5 compliant



RAM: 4GB + ROM: 64GB



Keyboard emulation for RAIN RFID (UHF) & 2D

IP65

Protection against dust and water projections



RAIN RFID (UHF) NFC

Options

- UHF long range, antenna on the back, RAIN RFID CM710-1 module.
- 1D/2D barcode scanner
- Facial recognition
- Fingerprint detection
- PSAM card extension

V1.0

Non-contractual datasheet

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ATX-800 V13



General specifications

Operating System	Android 13.0; GMS&AER, 90-day security updates Zero-Touch, FOTA, Soti MobiControl, SafeUEM supported
CPU	2.0 GHz Octa-core
Memory	RAM: 4 GB + ROM 64 GB
Extended storage	Supports up to 256 GB Micro SD card
Dimensions	250.8 x 152.0 x 15.0 mm
Weight	680g (standard version, without UHF option)
Display	8" IPS LTPS 1920 x 1200
Touch panel	Corning Gorilla Glass, multi-touch panel, gloves and wet hands supported
Battery	Main battery: Li-ion, rechargeable, 8700 mAh Standby: over 500 hours Continuous use: over 10 hours (depending on user environment) Charging time: 5-7 hours (with standard AC adaptor and USB cable)
I/O Ports	USB 2.0 Type-C, OTG
Keys	1 front key, 1 volume key, 1 power key, 1 direction key (optional)
Expansion slot	1 slot for SIM card, 1 slot for SIM / TF card, optional dual PSAM card slots
Camera	Rear camera: 13 MP autofocus with flash; front camera: 5 MP
Other - general	Sensors: gravity sensor, gyroscope, geomagnetic sensor ; light/proximity sensor Audio: speaker, microphone

Wireless communication

Wifi	Support 802.11 a/b/g/n/ac/d/e/h/i/k/r/v, 2.4G/5G dual-band, IPV4, IPV6 Fast roaming: PMKID caching, 802.11r, OKC; Operating channels: 2.4G (channel 1~13), 5G (channel 36, 40, 44, 48, 52, 56, 60, 64, 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140, 144, 149, 153, 157, 161, 165), Depends on local regulations Security and encryption: WEP, WPA/WPA2-PSK(TKIP and AES), WAPI-PSK—EAP-TTLS, EAP-TLS, PEAP-MSCHAPv2, PEAP-LTS, PEAP-GTC, etc.
Bluetooth	Bluetooth 5.1
3G / 4G	3G: CDMA EVDO: BC0 ; WCDMA: B1/B2/B5/B8 4G: TDD-LTE: B34/B38/B39/B40/B41 ; FDD-LTE: B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B20/B28
Satellite positioning	GPS/AGPS, GLONASS, BeiDou, Galileo, internal antenna
Vo-LTE	Support Vo-LTE HD video voice call

User Environnement

Operating temperature	-20°C to 50°C / 4°F to 122°F
Storage temperature	-40°C to 70°C / 40°F to 158°F
Humidity	5% RH - 95% RH non condensing
Protection grade	IP65
Drop Specification	Multiple 1.5 m / 4.9 ft drops to concrete across the operating temperature range
Tumble Specification	500 x 0.5 m / 1.64 ft falls at room temperature
ESD	±15 KV air discharge, ±8 KV conductive discharge
Standard	Compliance with ATA Spec 2000 Chapter 9.5

V1.0

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Data collection

RFID UHF (ATX-800 V13 T4)

Engine	Based on CM710-1
Frequency	865-868 MHz / 920-925 MHz / 902-928 MHz
Protocol	EPC C1 GEN2 / ISO18000-6C
Antenna	Circular polarization 3 dBi
Power	1W (30 dBm), 2W Optional (33 dBm, for Latin America, etc.)
R/W range	Up to 10 metres depending on environment
Reading rate	900 tags/sec

HF/NFC (ATX-800 V13 T2, T4)

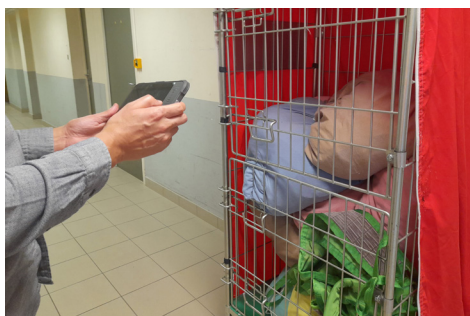
Frequency	13.56 MHz
Protocol	ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2, etc.
Chips	M1 card (S50, S70), CPU card, NFC tags, etc.
Read Range	0-4 cm

Barcode 1D/2D (ATX-800 V13 T2, T4)

1D/2D Barcode Scanner	Zebra SE4710
1D Symbolologies	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.
2D Symbolologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode; Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch, Postal (KIX), etc.

Options

- Facial recognition
- Fingerprint detection
- PSAM



V1.0

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Accessories



USB Cable (included)



Hand strap (included)



Protection case for ATX-800 V13 T2/T4 (option)



Leather case (option)



Adjustable shoulder strap (option)



Charging cradle (option)



Bumpers (option)

Item codes

TANFC2234EU

Tablet **ATX-800 V13 T2** NFC, Android 13.0, 8700 mAh, Camera, 1D/2D, EU

TAUHF2235EU

Tablet **ATX-800 V13 T4** UHF NFC, Android 13.0, 8700 mAh, 1D/2D, UHF back, EU

V1.0

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