



Features

- Dual-core Intel® Celeron® Processor N2807 SoC @ 1.58GHz
- Windows® Embedded 8.1/7 Pro pre-loaded
- 10.1" sunlight readable display, capacitive touchscreen
- Wireless Connectivity:
 - WLAN: IEEE 802.11 b/g/n
 - WPAN: Bluetooth 4.0
 - WWAN (optional): 3.5G HSPA+, 4G LTE
- GPS, E-compass, G-sensor
- Data Capture: HF 13.56MHz NFC RFID, SAM encryption supported
- IP65 rating and 1.2m drop resistance (with optional protective housing)

Specifications

Physical Characteristics

Dimensions	291 x 198 x 23 mm (L x W x T)
Weight	1.2 kg
Expansion slot	SD x1
SIM with SAM	SIM Slot x 1
Status LEDs	Power/Wireless status LEDs
Buttons	Power Button x 1 Programmable buttons x4
Battery	7.4V/6000 mAh Li-ion
Speaker	2W speaker x1
Microphone	x1
Headset	Stereo earphone jack x1
USB	USB 3.0/2.0 x1
Display Output	HDMI x1
G-sensor	3-axis, 2g, at least 8-bits accuracy
E-Compass	3-axis, at least 8-bits accuracy

Performance Characteristics

Processor	Dual-core Intel® Celeron® Processor N2807 SoC @ 1.58GHz (formerly "Baytrail M")
Memory/Storage	4GB DDR3 / 64GB mSATA on board
Operating system	Windows® Embedded 8.1/7 Pro pre-loaded

Data Capture

RFID	HF 13.56MHz, NFC 18092, 14443A/B, 15693 SAM encryption supported
Camera	2MP camera on front, 5MP on rear (with flash)

Wireless

WLAN	IEEE 802.11 a/b/g/n (Mini-PCle card optional)
WPAN	Bluetooth 4.0 (Mini-PCle card optional)
WWAN (optional)	3.5G HSPA+, 4G LTE (Mini-PCle card optional)

Working Environment

Operating Temperature	-20 degree C to 55 degree C
Storage Temperature	-30 degree C to 60 degree C
Charging Temperature	0°C to 40°C
Humidity	10% to 90%, non-condensing
Drop Resistance	0.8m (1.2m with optional protective housing)
Ingress Rating	IP65

Display Characteristics

Size	10.1" TFT LCD
Resolution	1280 x 800 pixels (WXGA)
Brightness	700 cd/m²
Touch Sensor	2-point projected capacitive touch (PCT)

Mechanical Layout



Ordering Information

Modules

Model Number	Description
IMT-BT-W	Industrial Mobile Tablet Intel® Celeron® N2807, DDR3L 4GB, SSD 64GB, Windows® 7/8.1, BT/Wi-Fi, RFID, GPS, 6300mAh battery