



Features

- TI OMAP5432 system-on-chip with 1.5GHz dual-core ARM Cortex A15 processor
- Android 4.2 operating system
- 10.1" sunlight readable display, capacitive touchscreen
- Wireless Connectivity:
 - WLAN: IEEE 802.11 a/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
- IP54 rating and 1.2m drop resistance (with optional protective housing)

Specifications

Physical Characteristics

Dimensions	288 x 191 x 18.5 mm (L x W x T)
Weight	950g
Expansion slot	microSD x1
mini-SIM	x1
SAM slot	x1
Status LEDs	Power/Wireless status LEDs
Buttons	Power button Programmable buttons x4
Battery	7.4V/4200 mAh Li-ion
Speaker	1.5W speaker x1
Microphone	x1
Headset	Stereo earphone jack x1
USB	USB 3.0 OTG x1, USB 2.0 host x1
Display Output	Micro HDMI x1
Light Sensor	0~100,000 lux
G-sensor	3-axis, 2g, at least 8-bits accuracy
Compass	3-axis, at least 8-bits accuracy

Performance Characteristics

Processor	TI OMAP5432 SoC with 1.5GHz dual-core ARM A15 CPU
Memory/Storage	2GB DDR3 RAM/32GB eMMC
Operating system	Android 4.2

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
WPAN	Bluetooth 4.0
WWAN (optional)	3.5G HSPA+, 4G LTE

Working Environment

Operating Temperature	-20°C to 50°C
Storage Temperature	-20°C to 60°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	IP54

Display Characteristics

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

Product Illustration



Ordering Information

Modules

Model Number	Description
IMT-10T-W	Industrial Mobile Tablet TI OMAP5, 2G/32G, Android 4.2, BT/Wi-Fi, RFID, GPS, 7.4V/ 4200mAh
IMT-10T-L	Industrial Mobile Tablet TI OMAP5, 2G/32G, Android 4.2, BT/Wi-Fi, RFID, GPS, 7.4V/ 4200mAh, LTE/3G

Note: All specifications are subject to change without further notice.