MobileDemand

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xTablet® A1150 Specifications

The Androids are here. Similar to every MobileDemand product, the xTablet A1150 is engineered for the mobile workforce. The difference is, this tablet is built on the Android platform. The A1150 is built rugged to withstand the harsh environments today's mobile workforce must endure. The robust Android OS allows users to run multiple applications while simultaneously handling complex tasks.

Innovation everywhere. Productivity anywhere.

xTablet® A1150

Features

- 10.1" - 1920x1200 LCD
- Scratch-Resistant Screen
- IP65 Sealed
- MIL-STD 810G 5' Drop
- 4G LTE Capable
- Bluetooth 4.0 & GPS
- 8 Hour, Hot Swap Battery

Integration Options

Barcode Imager

4G LTE

NFC/ RFID

Fingerprint Reader

Accessories

Vehicle Dock

Office Dock

Snap Mount Rail

Direct Wiring

Multiple Battery Charger

Magnetic Stripe Reader (MSR)

Warranty

The xTablet A1150 comes with a 3-year warranty that covers hardware failure when the tablet has been used as designed. In addition, MobileDemand offers extended coverage with xProtect.

Specifications

Physical and Environmental Characteristics

Dimensions	11.16" W x 7.56" H x .87" D
	(283.4 mm W x 192 mm H x 21.9 mm D)
Display	10.1" Capacitive
	1920 (W) x 1200 (H) IPS; 470 nits
Screen Protector	Scratch-resistant, chemically strengthened glass
Weight	2.97 lb. (1,345 g) - base configuration
Sealing	IP65 (water and dust)
Drop / Shock	MIL-STD 810G, 516.6 IV: 26 repeated 5' drops
Operating Temp	14° F to +122° F (-10° C to +50° C)
Storage Temp	-4° F to +140° F (-20° C to +60° C)
Operating Humidity	95% non-condensing

Performance Characteristics

Processor	Rockchip RK3399
System Memory	4GB
Storage	128GB
Operating System	Android 7.12 Nougat™, Android 9.0 Pie™ in 2019
Touch	10-Point multi-touch
Buttons	Barcode scan, volume +/-, power, function
I/O Ports	USB Type A, micro USB OTG, micro HDMI, headphone, DC jack microSDXC card slot, standard SIM card slot, ethernet
Battery System	3.7V, 10,800mAh, 40Wh
	Up to 10-hour battery life, hot swappable
Audio	Intel HD audio, built-in digital microphone
Camera	8MP auto focus with flash (Rear-facing)
	2MP (Front-facing)
Sensors	9 Axis MEMS sensor (gravity acceleration, eCompass, gyroscope) Ambient light sensor, proximity sensor
Scanner	Optional high performance 2D barcode scanner
NFC	Optional contactless NFC/RFID reader

Optional 3D Camera Characteristics

Model	External Intel RealSense D415 Camera
Technology	Intel RealSense Vision Processor D4; Intel RealSense module D415 Active IR stereo
Depth Field of View	69.4° x 42.5° x 77° (+/- 3°)
Output	Depth stream resolution up to 1280x720; frame rate up to 90 fps
Sensor Resolution	RGB 1920x1080 at 30 fps
Sensor FOV	69.4° Horizontal x 42.5° Vertical x 77° Diagonal (+/- 3°)
Distance and Range	Minimum depth - distance 0.3m
	Maximum range - approximately 10m depending on calibration, scene, and lighting conditions

Wireless & GPS Network Characteristics

WLAN	WiFi 802.11 a/b/g/n/ac
Bluetooth	4.2
GPS	Included
4G LTE	Optional, Sierra Wireless EM7455

Regulatory Approvals

FCC, CE and IC