



xTablet[®] A1150 Specifications

The Androids are coming to MobileDemand. Like all MobileDemand products, the xTablet A1150 is built for the mobile workforce. The difference is, this tablet is built on the Android platform. While the operating system (OS) is new to MobileDemand, the A1150 is built rugged to withstand the harsh environments today's mobile workforce endures. Android's OS offers users the ability to run multiple applications at one time, but is fast and robust enough to handle complex tasks.

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xTablet[®] A1150

Specifications

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
- 3D Camera (coming soon)

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.

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" diagonal widescreen 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	64GB
Operating System	Android 7.1 Nougat, Android 8.0 Oreo™ pending

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, microSIM card slot, ethernet
Battery System	3.7V, 10,800mAh, 40Wh 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	High performance 2D barcode scanner
Fingerprint Reader	Optional
NFC	Optional contactless RFID and SmartCard/NFC reader ISO 15693 and 14443 A/B compliant
Security	TPM 2.0 Firmware

Optional 3D Camera Characteristics

Model	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	4.0
GPS	Included
4G LTE	Optional, Sierra Wireless EM7455

Regulatory Approvals

FCC, CE and IC