

11-INCH RUGGED ANDROID TABLET

JMDT110 Rugged Android Tablet

Maximum-Screen Productivity for Field Service, Manufacturing & Warehouse Operations — 11-Inch Display, 8,000 mAh Hot-Swap Power

IP68

1.3 M DROPS

11" 1920x1200 IPS

GLOVE / WET / STYLUS

ANDROID 15 → 19



The Biggest Screen in the Family — an 11-inch IPS display with active stylus and glove/wet touch gives technicians and supervisors a full-size workspace for drawings, dashboards, and forms.

Large, Yet Manageable — at just 11.2 mm thick and 690 g, the 11-inch JMDT110 stays comfortable to carry all shift while meeting IP68 and 1.3 m drop specifications.

All-Day Power, Zero Downtime — an 8,000 mAh battery with optional hot swap is sized for the longest field shifts: change batteries without powering down or losing your session.

5G + Wi-Fi 6 + Precision Location — 5G, Wi-Fi 6, and GPS/GLONASS/BeiDou/Galileo + AGPS deliver the connectivity and location accuracy expected from enterprise-grade tablets.

From Handheld to Forklift Mount — a rich accessory set (single charging home base, four-slot battery cradle, four-slot charging cradle, wrist/neck/hand straps, leather cover) lets the same device serve office, field, vehicle, and warehouse workflows.

FIELD SERVICE

- › Work orders & digital SOPs
- › Asset inspection forms
- › Remote assistance video calls
- › Customer signature capture

MANUFACTURING

- › Shop-floor dashboards
- › Quality checklists
- › MES/WIP data entry
- › Machine maintenance logs

WAREHOUSE & LOGISTICS

- › Forklift-mounted inventory terminals
- › Yard management
- › Loading-dock verification
- › Driver route tablets

PRODUCT OVERVIEW

Some workflows simply need more screen: schematics and piping diagrams in the field, multi-column inspection checklists in the plant, dashboards mounted in a forklift cab. The JMDT110 is the 11-inch member of the JNXTECH rugged Android tablet family — sharing the same platform DNA as the 8-inch JMDT80 — and pairs its large 1200 x 1920 IPS display with IP68 sealing, a 1.3 m drop rating, and an 8,000 mAh battery with optional hot swap. It runs Android 15 (upgradable to Android 19) on an octa-core processor, supports glove, wet, and active-stylus input, and integrates SE-series scan engines for barcode capture directly on the tablet. 5G cellular, Wi-Fi 6, eSIM, and multi-constellation GNSS keep crews connected and located from yard to job site. For resellers and solution providers, the JMDT110 extends the family into dashboard, GIS, and form-heavy workflows where an 8-inch screen is not enough — with private-label options and low MOQs.

Why Choose the JMDT110

An 11-inch workspace built for the places consumer tablets cannot survive

11-Inch Display for Big Jobs

The 11-inch 1200 x 1920 IPS display gives technicians, supervisors, and forklift operators room for schematics, CAD drawings, dashboards, and long inspection forms — less zooming, less scrolling, fewer mistakes. Glove/wet-touch operation and active stylus support keep it usable in the field, on the shop floor, and in vehicles.

8,000 mAh with Optional Hot Swap for Continuous Operation

The 8,000 mAh battery is sized for the longest shifts, and the optional hot-swap design lets crews change batteries without closing apps or losing network sessions — critical for two-shift warehouses, yard operations, and long field-service days.

Active Stylus for Precision Annotation

Glove and wet-touch operation plus active stylus support let workers sign forms, mark up schematics, and annotate inspection photos in any environment — on a screen large enough to actually work on.

Accessories for Every Deployment Model

Single Charging Home Base, four-slot battery cradle, four-slot charging cradle, wrist strap, neck strap, hand strap, and leather cover let the same tablet serve desk workers, field technicians, forklift drivers, and warehouse auditors.

Slim and Rugged, Not a Contradiction

At 11.2 mm and 690 g, the JMDT110 keeps a slim profile that is easy to hold and mount, while still achieving IP68 dust/water sealing and a 1.3 m drop rating — protection you normally find only on bulkier rugged tablets.

5G, Wi-Fi 6, and Multi-Constellation GNSS

5G cellular, Wi-Fi 6, and GPS/GLONASS/BeiDou/Galileo with AGPS give the JMDT110 the connectivity and location precision needed for yard management, route tracking, and real-time field dispatch. eSIM support simplifies large-scale rollouts.

Integrated Scanning on a Large Screen

Optional Zebra SE4710, SE55, or CM60 scan engines turn the tablet into a barcode capture terminal for receiving, put-away, and asset tracking workflows — scan and view on the same screen, without juggling a separate handheld scanner.

One Platform, Two Screen Sizes

The JMDT110 shares its Android platform, OS roadmap, and management approach with the 8-inch JMDT80. Standardize on one family across your fleet — 8-inch for compact handheld workflows, 11-inch for dashboard and form-heavy jobs — with one accessory and support model.

ENTERPRISE SPECS, PLAIN-ENGLISH VALUE

What the rugged specs mean for your daily operations

Rugged isn't a sticker — it's what happens on the day everything goes wrong. The JMDT110's IP68 sealing and 1.3 m drop rating keep it working through rain, dust, and concrete floors, and full test documentation is available on request for your tender or compliance review.

Drop it. Pick it up. Keep working.

Rated for multiple 1.3 m drops, the JMDT110 is built for real handling: off a pallet, out of a forklift cab, down a ladder. The touchscreen, keys, cameras, radios, and GNSS keep working — the job doesn't stop because the tablet hit the floor.

All-day power. Swap without stopping.

The 8,000 mAh battery carries the 11-inch display through the longest shifts, and optional hot swap means a fresh battery goes in without a reboot — no lost sessions, no re-login, no downtime at shift change.

Multi-Constellation GNSS

Accurate location for field service, asset audits and yard operations, even under cover.

11-Inch Workspace + Stylus

A full-size canvas for drawings, dashboards and long forms; precision annotation for markups, checklists and signatures.

Wash it down. Wipe it clean. Move on.

IP68 means dust-tight sealing and protection against continuous immersion. Rain on the loading dock, chalk dust in the warehouse, disinfectant in a hospital corridor — clean it like you mean it, shift after shift.

Fewer repair tickets. Fewer spare units. Fewer surprises.

Devices that survive drops and wash-downs stay in the field instead of the repair bench — less downtime per device, fewer replacements per year. Ruggedness you can defend turns into a cost you can control.

Android 15 to 19 Roadmap

Multi-year security support keeps enterprise apps compatible and data protected.

One Platform, Two Screen Sizes

Standardize on the JNXTech tablet family — 11-inch JMDT110 and 8-inch JMDT80 share the same platform, OS roadmap and support model.

Technical Specifications

Specifications are based on the JMDT110 standard configuration. Premium options and regional SKUs may vary.

Model	
JMDT110	Standard 11-inch rugged Android tablet; IP68; 1.3 m drop; -10°C to +50°C operating
Physical Characteristics	
Dimension	280 x 181.5 x 11.2 mm
Weight	690 g (with battery)
Button	Power, volume, physical scan button, programmable button, home button; optional home button with fingerprint
Display	
Size / Resolution	11" IPS, 1200 x 1920
Touch	Multi-point capacitive, glove/wet hand operation, active stylus support
Performance	
Operating System	Android 15 (upgradable to Android 19)
Processor	Octa-core, 2 x Cortex-A78 @ 2.4 GHz + 6 x Cortex-A55 @ 2.0 GHz
Memory	Standard: 6 GB RAM + 64 GB ROM; Premium: 8 GB RAM + 128 GB ROM
Connectivity	
WWAN	5G (optional 4G LTE)

Model		
WLAN		IEEE 802.11 a/b/g/n/ac/d/h/i/r/t/k/v/w/ax (Wi-Fi 6), 2x2 MIMO, IPv4/IPv6, fast roaming
Bluetooth		Bluetooth 5.2 (BLE)
GNSS		GPS + GLONASS + BeiDou + Galileo + AGPS
NFC		13.56 MHz, ISO14443A/B, ISO15693, up to 30 mm
SIM		1 nano-SIM + 1 MicroSD; eSIM optional
Data Capture		
Scanner Engine		Zebra SE4710 / SE55 / CM60 (optional)
Camera		Rear: 13 MP PDAF (Premium: 48 MP PDAF); Front: 5 MP FF
User Environment		
Ingress Protection		IP68
Drop Spec		Multiple 1.3 m drops
Operating Temp		-10°C to +50°C
Storage Temp		-20°C to +60°C
Humidity		0% to 95% non-condensing
ESD		±15 kV air, ±8 kV touch
Audio / Sensors / Interfaces		
Audio		Dual superlinear speakers, dual microphones, vibrator, indicator light x 2
Sensors		Tri-accelerometer, light, distance, gyro, e-compass; optional fingerprint
I/O Ports		USB Type-C (OTG + charging + earphone), bottom extension Pogo Pin
Power		
Battery		3.85 V / 8,000 mAh; optional hot swap
Accessories		
Standard		USB cable
Optional		5 V / 2 A power adapter, Single Charging Home Base, Four-slot Battery Cradle, Four-slot Charging Cradle, active stylus, wrist strap, neck strap, hand strap, leather cover