DT610

One Platform. Two Form Factors.

Designed for Different Enterprise Needs.



The Next Generation of Frontline Power

Powered by the Qualcomm Dragonwing™ Q-6690 processor, the DT610 is the world's first enterprise mobile computer with fully integrated UHF (RAIN) RFID capabilities. Combining AI-powered processing, advanced imaging, scanning, RFID, and vision technologies in a lightweight design, DT610 transforms real-time data into actionable insights to streamline frontline workflows. Available in two models:the lightweight DT610 Std Edition and the ultra-rugged DT610 Pro Edition—the DT610 delivers flexible solutions to meet diverse enterprise needs.

Operational Flexibility & Productivity

Slim Design, Superior Protection

Featuring enhanced raised-edge protection in a sleek form factor, the DT610 weighs only 222g (Std Edition) and 270g (Pro Edition), delivering exceptional portability with enterprise-grade durability.

Brilliant FHD+ Display

The 6-inch FHD+ screen (1080×2160) delivers sharp details, vibrant colors, and wide viewing angles. A 600-nit high-brightness panel ensures clear visibility even in bright sunlight, such as a truck cab.（*Std Edition:500 nits）

Integrated RFID

Equipped with Impinj Gen2X RFID, DT610 read 50+ tags per second at distances up to 1.5 meters, enabling fast and accurate inventory and asset tracking. Ideal for warehouse management, retail stocktaking, and asset tracking, it streamlines operations with greater efficiency and reliability.

Choose Standard or Advanced Scanning

The FlexRange scan engine delivers fast and accurate barcode scanning from 5 cm to 10 m, while the standard 1D/2D engine ensures reliable capture in all lighting conditions.

AI-Powered Intelligence for Smarter Enterprise Workflows

• Retail: AI OCR and recognition speed up product data capture and improve visibility.
• Warehousing: multi-barcode tracking increases accuracy and streamlines daily tasks.
• Delivery/Field service: image and voice processing accelerate documentation and interactions.
AI Smart battery management reduces manual effort and boosts team productivity.

3-sided NFC

Supports 3-sided NFC reading, enabling fast and flexible interactions from any angle—ideal for logistics and warehouse operations, including quick payments, ID verification, and card emulation, while improving workflow efficiency and reducing handling time.（*Std Edition supports front and rear NFC）

3D Structured Light Camera (Optional)

The 50MP autofocus camera captures clear proof-of-delivery photos, while the optional 3D Structured Light Camera enables fast and accurate dimensioning for parcels, helping streamline warehouse and logistics operations. (*Std Edition: 16MP rear camera.)

Unlock ARCore for Flexible Retail Experiences (Optional)

DT610 features an advanced rear camera for clear image capture and supports AR-based enterprise applications with built-in ARCore.

Enterprise-Grade Performance & Reliability

Breakthrough Enterprise Processor

Powered by the world's first enterprise mobile processor with fully integrated UHF (RAIN) RFID capabilities, the DT610 features an octa-core CPU up to 2.9GHz, 6 INT8 TOPS of on-device AI performance, and comes with Android 15 out of the box-delivering exceptional responsiveness for demanding workflows.

Next-Gen Wireless

Powered by 5G, Wi-Fi 7 (2×2 MU-MIMO), and Bluetooth 6.0, the DT610 delivers up to 4.8× faster speeds, 4× lower latency, and 5× greater network capacity than Wi-Fi 6. With 6 GHz support and optimized power efficiency, it ensures reliable, ultra-responsive connectivity for mission-critical enterprise operations.

AI-Powered Smart Battery Management

DT610 delivers reliable all-day endurance with AI-powered battery management that dynamically optimizes power efficiency. Hot-swap support enables uninterrupted operation, while the wide-temperature design ensures stable performance in demanding environments.

Biometric Security

A fingerprint sensor integrated into the power button enables instant, secure user authentication with a single touch.

Rugged Durability

With IP68 protection, the DT610 delivers reliable performance in harsh environments. The DT610 withstands 1.8 m drops without a case, ensuring exceptional durability for frontline operations.
（*Standard version supports 1.5 m drops）

Loud & Clear with Noise Cancellation

DT610 features front-facing stereo speakers with over 100dB loud output and advanced noise reduction, ensuring crystal-clear communication in noisy industrial environments.

Manage Your Workforce Efficiently with UROVO Software

Visualized Fleet Management

UROVO UMS enables centralized device management across multiple device types and operating systems. IT administrators can remotely manage devices, control app access, enforce security policies, and streamline device lifecycle management from a single dashboard.

Streamlined Device Setup & Enterprise Management

UROVO U-Stage simplifies device deployment with preset configurations, apps, and settings. Devices can be quickly set up via remote deployment, local import, or QR code scanning, while OEMConfig supports enterprise policy and compliance management through EMM platforms.

Industry & Applications

Retail & Hospitality

Inventory Management
Assisted Selling
In-Store Communication & Collaboration
Item Location & Product Lookup
Customer Engagement
Task & Price Management
Front-of-Store Replenishment

Transportation & Logistics

Parcel Tracking
Proof of Delivery (POD)
Work Order Management
Inventory Replenishment
Workforce Collaboration

Airlines

Passenger Processing & Gate-side
Baggage Check
Passenger Manifest Verification
In-flight Retail & Catering Sales

Field Service

Asset tracking
Parts inventory
On-site billing
Job scheduling

Healthcare

Patient Tracking
Clinical Mobility
Asset Tracking & Locationing
Pharmacy Management
At-home Care Support

	DT610 Std Edition	DT610 Pro Edition
PERFORMANCE CHARACTERISTICS		
CPU	Octa-core 2.0GHz/2.9GHz Antutu Score: 1,114,080	Octa-core 2.0GHz/2.9GHz Antutu Score: 1,114,080
Operating System	Android 15.0, Upgradable to Android 19	Android 15.0, Upgradable to Android 19
Memory	8GB RAM / 128GB UFS 12GB RAM / 256GB UFS (Optional)	8GB RAM / 128GB UFS 12GB RAM / 256GB UFS (Optional)
PHYSICAL CHARACTERISTICS		
Dimensions	165mm L × 76.2mm W × 12.9mm D	169mm L × 78.2mm W × 15.8mm D
Weight	222g	270g
Display	6.0 inches 1080×2160, LCD	6.0 inches 1080×2160, LCD, 600 nits
Touchpanel	Multi-mode capacitive touch (bare/gloved fingertip or stylus); Corning Gorilla Glass; Water droplet rejection; Anti-smudge coating	Multi-mode capacitive touch (bare/gloved fingertip or stylus); Corning Gorilla Glass; Water droplet rejection; Anti-smudge coating
Power	User replaceable battery 4000mAh / 15.4Wh (3.85V) Optional: 4950mAh Smart Battery Management	User replaceable battery 5200mAh / 21.175Wh (3.85V) Smart Battery Management
Hot Swap	Support	Support
Quick Charging	Optional	Optional
Expansion Slot	microSD card up to 2TB	microSD card up to 2TB
SIM / SAM	Hybrid Dual SIM Slot (2 Nano SIM or 1 Nano SIM/1 Micro SD) 2 Nano SIM or 1 Nano SIM and 1 e-SIM Dual SIM/Dual Standby	Hybrid Dual SIM Slot (2 Nano SIM or 1 Nano SIM/1 Micro SD) 2nd Nano SIM supported by micro SD Card Slot 2 Nano SIM or 1 Nano SIM and 1 e-SIM Dual SIM/Dual Standby
Interface	Rear: 8-pin communication I/O Bottom: USB-C 3.1 (OTG, DP), 2-pin Charging 2-pin communication I/O	Rear: 8-pin communication I/O Bottom: USB-C 3.1 (OTG, DP), 2-pin Charging 2-pin communication I/O
Notification	Audible tone; Vibration; LED	Audible tone; Vibration; LED
Keypad & Button	On-screen keypad & Enterprise Keyboard; Power button; Volume up/down; Dual-action side scan buttons; Programmable button (Default: PTT)	On-screen keypad & Enterprise Keyboard; Power button; Volume up/down; Dual-action side scan buttons; Programmable button (Default: PTT)
Voice and Audio	Two noise-canceling microphones; Single speaker phone; PTT headset USB-C support; Bluetooth wireless headset; SWB & FB audio; HD voice	Two noise-canceling microphones; Single speaker phone; PTT headset USB-C support; Bluetooth wireless headset; SWB & FB audio; HD voice
PTT Hot Key	Programmable action buttons: Default to PTT	Programmable action buttons: Default to PTT

	DT610 Std Edition	DT610 Pro Edition
WIRELESS WAN DATA & VOICE		
Radio / Frequency / Band	Rest of World: 2G: 850/900/1800/1900 3G: B1/B2/B4/B5/B8 4G: B1/2/3/4/5/7/8/13/17/18/19/20/26/28/34/38/39/40/41/42/43 5G: n1/2/3/5/7/8/20/28/38/40/41/77/78/79	Rest of World: 2G: 850/900/1800/1900 3G: B1/B2/B4/B5/B8 4G: B1/2/3/4/5/7/8/13/17/18/19/20/26/28/34/38/39/40/41/42/43 5G: n1/2/3/5/7/8/20/28/38/40/41/77/78/79
	North America: 3G: B2/4/5 4G: B2/4/5/7/12/13/14/17/25/26/29/30/38/41/43/48/66/71 5G FR1: n2/5/7/12/13/14/25/26/29/30/38/41/48/66/71/77/78	North America: 3G: B2/4/5 4G: B2/4/5/7/12/13/14/17/25/26/29/30/38/41/43/48/66/71 5G FR1: n2/5/7/12/13/14/25/26/29/30/38/41/48/66/71/77/78
	Dual SIM/Dual Standby, VoLTE, Gigabit LTE-A 5G NR Sub-6 (NSA, SA), LTE/NR Carrier Aggregation	Dual SIM/Dual Standby, VoLTE, Gigabit LTE-A 5G NR Sub-6 (NSA, SA), LTE/NR Carrier Aggregation Supports CBRS, Private LTE
GPS	GPS, A-GPS, GLONASS, Galileo, BeiDou, QZSS Concurrent L1/G1/E1/B1 + L5/E5a/BDS B2a A-GPS; Supports XTRA; SBAS	GPS, A-GPS, GLONASS, Galileo, BeiDou, QZSS, NavIC Concurrent L1/G1/E1/B1 + L5/E5a/BDS B2a A-GPS; Supports XTRA; SBAS
WIRELESS LAN		
Radio	IEEE 802.11 a/b/g/n/ac/d/h/i/r/k/v/w/mc/ax/be 2×2 MU-MIMO; Wi-Fi 7 (802.11be) Dual Band Simultaneous; IPv4, IPv6	IEEE 802.11 a/b/g/n/ac/d/h/i/r/k/v/w/mc/ax/be 2×2 MU-MIMO; Wi-Fi 7 (802.11be) Dual Band Simultaneous; IPv4, IPv6
Data Rates	6 GHz: up to 5764.7 Mbps 5 GHz: up to 2882.35 Mbps 2.4 GHz: up to 688.24 Mbps	6 GHz: up to 5764.7 Mbps 5 GHz: up to 2882.35 Mbps 2.4 GHz: up to 688.24 Mbps
Security & Encryption	WEP; WPA/WPA2 Personal (TKIP, AES); WPA3 Personal (SAE) WPA/WPA2 Enterprise; WPA3 Enterprise; EAP-TTLS, EAP-TLS, PEAP, LEAP, EAP-PWD WPA3 Enterprise 192-bit (GCMP-256); Enhanced Open (OWE); WPA3-FT; SCV	WEP; WPA/WPA2 Personal (TKIP, AES); WPA3 Personal (SAE) WPA/WPA2 Enterprise; WPA3 Enterprise; EAP-TTLS, EAP-TLS, PEAP, LEAP, EAP-PWD WPA3 Enterprise 192-bit (GCMP-256); Enhanced Open (OWE); WPA3-FT; SCV
WIRELESS PAN		
Bluetooth	Configurable Class 1 and 2, Bluetooth v6.0 Classic Bluetooth (BR/EDR) and Bluetooth LE	Configurable Class 1 and 2, Bluetooth v6.0 Classic Bluetooth (BR/EDR) and Bluetooth LE
DATA CAPTURE		
Scanning	Standard Range 1D/2D scan engine FlexRange 1D/2D scan engine (Optional)	Standard Range 1D/2D scan engine FlexRange 1D/2D scan engine (Optional)
Camera	Rear: 16MP autofocus, PDAF; Flash LED; Torch mode Front: 8MP Fixed, FF ARCore Certification	Rear: 50MP autofocus, PDAF; Flash LED; Torch mode Front: 8MP Fixed, FF ARCore Certification Optional 3D Structured Light Camera
NFC	ISO 14443 Type A/B; Sony FeliCa; ISO 15693 Card Emulation via Host; Contactless payment MIFARE 1K/4K, MIFARE DESFire EMVCo PCD L1 Compliant	ISO 14443 Type A/B; Sony FeliCa; ISO 15693 Card Emulation via Host; Contactless payment MIFARE 1K/4K, MIFARE DESFire Apple VAS certified ECP 1.0/2.0 polling; P2P; Reader/Writer
RFID	Built-In UHF RFID Read Range: Up to 1.5m Read Rate: 50 tags/s	Built-In UHF RFID (Impinj Gen2X) Read Range: Up to 1.5m Read Rate: 50+ tags/s
Biometrics	Fingerprint sensor integrated into power button	Fingerprint sensor integrated into power button

	DT610 Std Edition	DT610 Pro Edition
USER ENVIRONMENT		
Operating Temp	-20°C to 60°C / -4°F to 140°F	-20°C to 60°C / -4°F to 140°F
Storage Temp	-40°C to 70°C / -40°F to 158°F	-40°C to 70°C / -40°F to 158°F
Humidity	5% to 95% non-condensing	5% to 95% non-condensing
Drop Spec	1.5m/5ft drops to tile over concrete over operating temp per MIL-STD 810H With Rugged boot: 1.8m/5.9ft drops to concrete	1.8m/5.9ft drops to tile over concrete over operating temp per MIL-STD 810H
Tumble Spec	500 × 0.5m tumbles at room temp (without Rugged boot) 1000 × 0.5m tumbles at room temp (with Rugged boot)	1000 × 0.5m tumbles at room temp (without Rugged boot) 1000 × 1.0m tumbles at room temp (with Rugged boot)
Sealing	IP67	IP68
Vibration	12.2 g PK Sine (10-55 Hz); 2.0mm Double Amplitude 60 min per axis, 3 axis	12.2 g PK Sine (10-55 Hz); 2.0mm Double Amplitude 60 min per axis, 3 axis
Thermal Shock	-40°C to 70°C; 12 cycles (1h at -40°C + 1h at 70°C) 2h recovery at room temp	-40°C to 70°C; 12 cycles (1h at -40°C + 1h at 70°C) 2h recovery at room temp
ESD	±15kVdc air; ±8kVdc direct; ±8kVdc indirect	±15kVdc air; ±8kVdc direct; ±8kVdc indirect
SENSORS		
Light Sensor	Ambient Light	Ambient Light
Other Sensors	Accelerometer + Proximity + Geomagnetic + Gyro	Accelerometer + Proximity + Geomagnetic + Gyro
SOFTWARE SOLUTIONS		
UEE Software Solutions	Enterprise Management: UMS, U-Stage, OEMConfig, UTalk 2.0 PTT, OTA, App Market Device Productivity: ScanWedge, RFIDWedge, OCRWedge, Key Mapping, U-Browser, Enterprise Launcher Diagnostics: Log Capture, WiFi Diagnostics, Smart Battery Management AI & Smart Tools: OCR, AI Vision-Multibarcode, AI Voice-Translingo/Control	Enterprise Management: UMS, U-Stage, OEMConfig, UTalk 2.0 PTT, OTA, App Market Device Productivity: ScanWedge, RFIDWedge, OCRWedge, Key Mapping, U-Browser, Enterprise Launcher Diagnostics: Log Capture, WiFi Diagnostics, Smart Battery Management AI & Smart Tools: OCR, AI Vision-Multibarcode, AI Voice-Translingo/Control
3rd Party Solutions	EMM: SOTI, Omnissa Workspace ONE, 42Gears, safeUEM Industry: SAP, Velocity (TE), P3finder, TeamViewer	EMM: SOTI, Omnissa Workspace ONE, 42Gears, safeUEM Industry: SAP, Velocity (TE), P3finder, TeamViewer

	DT610 Std Edition	DT610 Pro Edition
ACCESSORIES		
Accessories	• RFID Sled • Docking Station • Charging cradle for DT610 Std & RFG91 • 5-slot charging cradle（with RJ45） • Single-slot charging/Ethernet cradle • Single-slot Ethernet & display cradle • 4-slot battery charger • Standard battery (4000mAh) • High-capacity battery (4950mAh) • Rugged case/boot • Wrist strap / Shoulder strap • Glass protective film • 18W / 10W wall adapter + USB-C cable	• RFID Sled • Charging cradle for DT610 Pro & RFG91 • 5-slot charging cradle（with RJ45） • Single-slot charging/Ethernet cradle • Single-slot Ethernet & display cradle • 4-slot battery charger • Trigger Handle • Standard battery (5200mAh) • Rugged case • Wrist strap / Shoulder strap • Glass protective film • 18W / 10W wall adapter + USB-C cable

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