RT710

Ultra-Rugged Tablet

Empower workers in logistics and field mobility with a first of its kind, rugged, ultra-connected tablet solution that is purpose built for vehicle mounting. Built on Mobility Edge™ platform for durable, stable, secure solutions.



The RT710 rugged tablet pairs a purpose-built vehicle-mount design with a powerful accessory ecosystem, delivering consistent performance and workflow efficiency for workers handling materials, managing inventory, and operating in demanding industrial environments.

RISING CHALLENGES DEMAND AN ADVANCED, FUTURE-PROOF SOLUTION

Warehousing, logistics, manufacturing, and field service operations are evolving rapidly, facing increased pressure from labor shortages, disconnected systems, and the growing need for real-time visibility across complex workflows. Traditional vehicle-mounted computers and consumer-grade devices often fall short in these environments, where constant motion, extreme conditions, and continuous uptime demand more reliable, integrated solutions—the RT710 is the answer. The RT710 meets this need with built-for-vehicle deployment, support for 5G, CBRS, Wi-Fi 7 connectivity, and integrated RAIN RFID capability.

BUILT ON MOBILITY EDGE™ FOR DURABLE, SECURE, LONG-TERM PERFORMANCE

Built on the Mobility Edge™ platform, the RT710 provides a durable, stable, and secure foundation designed for long-term enterprise deployment, with lifecycle, security, and support extending beyond 2036. This future-proof platform enables simplified device management, faster deployments, and reduced total cost of ownership for IT leaders managing large fleets of mobile devices. Combined with Brady's ecosystem of solutions, including Operational Intelligence and Smart Talk, the RT710 enhances visibility, productivity, and communication across operations, ensuring frontline workers remain connected, informed, and efficient in even the most demanding conditions.

FEATURES AND BENEFITS

The Mobility Edge™ platform is a durable, stable, and secure foundation for long lasting solutions, providing optimized performance and accelerated deployments.

Withstands multiple 2.4 m (8 ft) drops onto concrete at ambient temperature. IP66 & IP68 sealing rated against dust and water intrusion, and a high definition, moisture tolerant touchscreen.

Embedded with the latest 5G and Wi-Fi 7 connectivity, including first responder networks and support for private cellular and CBRS networking.

Full shiftreliability from the 10,000mAh battery, with anoptional 20,000 mAh batteryfor extended, multi-shiftuse. Hot swap capabilitysimplifies the batteryswapprocess.

Ground-up design with an enhanced user interface, and innovative features, the RT710 is driving productivity and ease-of-use for a next-level mobile computer.

BRADY | PEAK TECHNOLOGIES

RT710 Rugged Tablet Technical Specifications

DATASHEET: SPECIFICATION HEADER

Dimensions:
10.24 in L x 7.17 in W x 0.93 in H
(260 mm L x 182 mm W x 23.5 mm H)
(Height varies from 19.1 mm to 23.5 mm)

Weight: 1070g (with standard battery)

Environmental Operating Temperature:
-4°F to +131°F / -20°C to +55°C (standard)
-22°F to +122°F / -30°C to +50°C
(cold storage option)

Storage Temperature: -40° C to +70° C

Humidity: 5% to 95% (non-condensing)

Drop:

Ambient Temp: Multiple 8 ft (2.4 m) drops to concrete at ambient temp

Hot Operating Temp: Multiple 6 ft (1.8 m) drops to concrete at +55°C per MIL-STD 810H

Cold Operating Temp: Multiple 5 ft (1.5 m) drops to concrete at -20°C per MIL-STD 810H (Cold Storage Models at -30°C)

ESD: ±15 kV Air and ±8 kV Direct; ±8 kV Indirect

Environmental Sealing: Independently certified to meet IP68, IP66

Thermal Shock: -30°C to 70°C (-22°F to 158°F)

SYSTEM ARCHITECTURE

Processor: Qualcomm QCx6690, 2.9 GHz

Operating System: Each Android version guaranteed from Android 16 to 20, subject to technical and commercial feasibility. Major OS version upgrades require an active warranty or applicable service agreement.

Memory: 8GB LPDDR5 RAM, 128GB UFS (discreet) or 16GB LPDDR5 RAM, 256GB UFS (discreet)

Display: 10.1 in WUXGA (1920 x 1200) Screen: Gorilla Glass Victus 2

Brightness: 1000 NITS

Biometrics: Facial Recognition

Buttons: Power, 2 scan, Volume, Action/PTT Audio: Speaker, digital microphone with echo and noise cancellation.

I/O Ports:

(1) USB Type -C
(2) USB Type - A

Camera: Rear 50MP, Front

8MP Storage Expansion:

SIM options: 1 eSIM and 1 nano SIM

Battery:
Standard: 10,000 mAh
Extended: 20,000 mAh
Cold Storage: 10,000 mAh

Charging Capabilities: USB Type C PD 3.0 / 3.1

Decode Capabilities: Optional Brady S0703 (1D/2D barcode symbologies), or Brady FlexRange™ S0803, Brady SDKs for Android

Application Software: Brady Powertools and Demos

Warranty: 3-year factory warranty

WIRELESS CONNECTIVITY

WWAN: Global bands support, device certified with GCF-PTCRB, ATT, TMO, VZW AT&T FirstNet compliant

T-Mobile D2C compliant

LTE Advanced Support

5G FR1: Bands n1, n2, n3, n5, n7, n8, n12, n13, n14, n20, n25, n26, n28, n29, n30, n38, n40, n41, n48, n66, n71, n77, n78, n79

LTE: Bands 1, 2, 3, 4, 5, 7, 8, 12, 13, 14, 17, 18, 19, 20, 25, 26, 28, 29, 30, 32, 38, 39, 40,41, 42, 43, 48, 66, 71

Dual SIM/Dual standby, VoLTE, 5G NR FR (NSA, SA), Private network support in LTE and 5G-NR

4x4 Downlink MIMO supported on bands b elow:

5G: n2, n5, n7, n13, n25, n30, n38, n41, n48, n66, n77, n78, n79

4G: B2, B4, B5, B7, B13, B17, B25, B30, B38, B41, B42, B43, B48, B66

2x2 Uplink MIMO supported on bands b elow:

5G SA: n41, n48, n77, n78, n79

High Power (HPUE/PC2) supported on bands:

5G: n41, n77, n78, n79

4G: B40, B41

WLAN: Wi-Fi certified; Wi-Fi 6E & Wi-Fi 7 Certified
IEEE802.11a/b/g/n/ac/d/h/i/r/k/v/w/mc/ax/be, 2x2 MU-MIMO; Triband (2.4GHz, 5GHz, 6GHz); Wi-Fi 6E (801.11ax); Supports multi-link operation (MLO);

High Band Simultaneous (HBS) (model dependent); Dual Band Simultaneous (DBS); IPv4, IPv6

WLAN Security: OPEN, WEP, WPA/WPA2/ WPA3 (Personal and Enterprise)

Supported EAP: TLS, PEAP, TTLS, PWD, **CCX compatible**

Bluetooth: Class 1.5, V6.0 Bluetooth and BLE

2nd BLE: V6.0 Bluetooth, available on all SKUs. Bluetooth profiles include HFP, PBAP, A2DP, AVRCP,OPP, SPP, GATT

NFC: Integrated NFC reader in display, compliant with ISO/IEC 14443 A, ISO/IEC 14443 B, ISO/IEC 15693 (ICode), MIFARE 1K / 4K, MIFARE DESFire, Sony FeliCa, ISO/IEC 18092 (Type F), Card Emulation; Contactless payment support, ECP 1.0 and ECP 2.0

VPN: IPSec V4/L2TP, PPTP

Push to Talk (PTT): Supported

GPS Supported Protocols: GPS, GLONASS, Galileo, Beidou, NAVIC, QZSS Dual-Band GNSS — concurrent L1/G1/ E1/ B1 (GPS/QZSS, GLONASS, Galileo, BeiDou) + L5/E5a/B2a (GPS/QZSS, Galileo, BeiDou); a-GPS, Supports XTRA**,** SBAS.

For a complete listing of all compliance approvals and certifications, please visit www.honeywell.com/PSScompliance.

For a complete listing of all supported barcode symbologies, please visit www.honeywell.com/PSS-symbologies

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