



R8 Tablet

Extreme Power, Ultra Compact.

- 8.0" LCD DynaVue® SR display with 800 nits
- 12th Generation Intel® Core™ Processor
- Intel® Wi-Fi 6E AX211 & Bluetooth® V5.2
- Fanless design
- Long-Life Battery up to 16 hours
- Optional barcode, RFID & smart card reader
- 10-point capacitive multi-touch panel with four touch modes



DURABILITY

- MIL-STD 810H certified (Drop, Shock, Vibration, Rain, Dust, Altitude, Freeze/Thaw, High/Low Temperature, Temperature Shock, Humidity)
- MIL-STD 461G certified (Conduction, Radiation, Conducted Susceptibility, Radiated Susceptibility)
- ANSI/UL 121201, Class I, Division 2
- 6' drop 26 faces
- IP 66 certified
- Aluminum-magnesium alloy chassis
- Port covers
- Sunlight readable display
- Optional swappable battery technology

OPERATING SYSTEM

Windows® 10/11 Pro 64-bit

PROCESSORS

- Intel® Core™ i7-1250U (12th Gen) Processor with vPro™ (12M Cache, up to 4.7 GHz, 2P+8E cores)
- Intel® Core™ i5-1230U (12th Gen) Processor with vPro™ (12M Cache, up to 4.4 GHz, 2P+8E cores)
- Intel® Pentium® Gold Processor 8500 (8M Cache, up to 4.4 GHz, 1P+4E cores)

GRAPHICS

Intel® Iris® Xe Graphics

MEMORY

Onboard 8GB up to 16GB (LPDDR4x)

STORAGE

- 128GB NVMe PCIe SSD
- Optional 256GB/512GB/1TB PCIe SSD

DISPLAY

- 8.0" LCD (1280 × 800)
- 800 nits DynaVue® sunlight readable display with capacitive multi-touch screen
- Optional with digitizer
- User selectable touch mode for Finger/Water, Glove or Stylus programmable function

AUDIO

- Integrated microphone
- Intel® High Definition Audio Compliant
- Integrated speaker × 1

CAMERA

- Integrated 2.0 MP front-facing camera
- Optional 8.0 MP auto-focus rear camera with flash

KEYBOARD & INPUT

3 buttons (1 user-definable key)

COMMUNICATONS

- Intel® Wi-Fi 6E AX211 (802.11 ax)
- Bluetooth® V5.2
- Optional GPS and 4G LTE multi-carrier mobile broadband
- Optional RF antenna pass-through for GPS, WWAN and WLAN¹

SECURITY

- Intel® vPro™ Technology (per CPU options)
- TPM 2.0
- NIST BIOS compliant
- Stealth mode
- Night vision mode
- Optional smart card reader^{1,2}
- Optional LF/HF-RFID (NFC) reader^{1,2}
- Optional UHF-RFID (NFC) reader^{1,2}

I/O INTERFACES

- Thunderbolt 4 × 1
- USB 3.2 Gen 2 (type C) × 1 (support DP)
- Audio in/out (combo jack) × 1
- microSD card (microSDXC) × 1
- Docking connector (20-pin Pogo) × 1
- Nano SIM card × 1
- DC-In jack × 1
- Optional USB 3.2 Gen1 (type A) × 1²
- Optional 10/100/1000 Ethernet (RJ45) × 1²
- Optional serial port (RS232) × 1²
- Optional 1D/2D barcode reader × 1²
- Optional RF antenna pass-through for GPS, WWAN and WLAN¹

EXPANSION SLOT

- Optional magnetic stripe reader^{1,2}
- Optional smart card reader with LF/HF-RFID (NFC) or UHF-RFID (NFC) or RS232/RJ45/USB 3.2 Gen1 (type A)^{1,2}

POWER

- AC adapter : 100-240V, 50Hz-60Hz, 65W
- Main battery Li-Ion, 3.8V, 3600mAh, 8 hours³
- Optional long life battery Li-Ion 3.8V, 7200mAh, 16 hours³
- Optional swappable battery : 5 minutes swap time⁴

ENVIRONMENT

- Temperature
Operating : - 20°C ~ 60°C / - 4°F ~ 140°F
Storage : - 46°C ~ 71°C / - 51°F ~ 160°F
- Humidity : 5% ~ 95%

DIMENSION & WEIGHT

- 227 mm (L) × 150 mm (W) × 20.5 mm (H)
- 0.86 kg

WARRANTY

3-year limited warranty standard

1. Contact your sales representative for feature availability.
2. Mutually exclusive options.
3. Tested using the MobileMark 2014 battery life benchmark. Results may vary under different situations including hardware configuration, software, operating conditions, power management settings and
4. The system will stay operating (within 300 seconds in standby mode) when user swaps the battery.



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