



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® V5.3
- Coolfinity™ fanless thermal design
- Long-Life Battery up to 17 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, Explosive Atmosphere, Salt Fog)
- MIL-STD 461G certified (Conduction, Radiation, Conducted Susceptibility, Radiated Susceptibility)
- Optional ANSI/UL 121201, Class I, Division 2
- 6' drop 26 faces
- IP 66 certified
- Magnesium alloy chassis
- Port covers
- Sunlight readable display
- Optional swappable battery technology

OPERATING SYSTEM

Windows® 11 Pro 64-bit

PROCESSORS

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

GRAPHICS

Intel® UHD 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 11 MP auto-focus rear camera with flash

KEYBOARD & INPUT

4 buttons (1 user-definable key)

COMMUNICATIONS

- Intel® Wi-Fi 6E AX211 (802.11 ax)
- Bluetooth® V5.3
- Optional dedicated GPS module⁴
- Optional GPS and 4G LTE multi-carrier mobile broadband⁴
- 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^{1,3}
- Optional LF/HF-RFID (NFC) reader^{1,3}
- Optional UHF-RFID (NFC) reader^{1,3}

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) × 1 or 2^{2,3}
- Optional 10/100/1000 Ethernet (RJ45) × 1 or 2^{2,3}
- Optional serial port (RS232) × 1³
- Optional 1D/2D barcode reader × 1²
- Optional RF antenna pass-through for GPS, WWAN and WLAN¹

EXPANSION SLOT

- Optional magnetic stripe reader¹
- Optional smart card reader with LF/HF-RFID (NFC) or UHF-RFID (NFC) or RS232/RJ45/USB 3.2 Gen1 (type A)^{1,3}

POWER

- AC adapter : 100-240V, 50Hz-60Hz, 65W
- Main battery Li-Ion, 7.6V, 3600mAh, 8.5 hours⁵
- Optional long life battery Li-Ion 7.6V, 7200mAh, 17 hours⁵
- Optional swappable battery : 5 minutes swap time⁶

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

- 8.94" (W) × 5.91" (D) × 0.81" (H)
- 1.9 lbs (0.86 kg)

WARRANTY

3-year Accidental Damage Warranty

1. Contact your sales representative for feature availability.
2. Mutual exclusive options.
3. Second USB 3.2 Gen 1 (type A) and second RJ45 ports are provided via an expansion module; this option is mutually exclusive with the smart card reader expansion modules.
4. GPS/WWAN and dedicated GPS are mutually exclusive.
5. Tested using the MobileMark 2014 battery life benchmark. Results may vary under different situations including hardware configuration, software, operating conditions, power management settings and
6. The system will stay operating (within 300 seconds in standby mode) when user swaps the battery.