

DURABOOK

Prepared for the Unexpected



R8-EX Tablet

Extreme Power, Ultra Compact.

- 8.0" LCD DynaVue® SR display with 800 nits
- Long-Life Battery up to 17 hours
- 12th Generation Intel® Core™ Processor
- Coolfinity™ fanless thermal design
- ATEX Zone 2/22 certified
- 10-point capacitive multi-touch panel with four touch modes
- Intel® Wi-Fi 6E AX211 & Bluetooth® V5.3



**Dyna
Vue**

R8-EX Specifications



DURABILITY

- MIL-STD 810H certified (Drop, Shock, Vibration, Rain, Dust, Altitude, Freeze/Thaw, High/Low Temperature, Temperature Shock, Humidity, Explosive Atmosphere, Salt Fog)
- ATEX Zone 2 certified
Ex II 3G Ex ic IIC T4 Gc
Ex II 3D Ex ic IIIB T135°C Dc
- 6' drop 26 faces
- IP 66 certified
- Aluminum-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® 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

4 buttons (1 user-definable key)

COMMUNICATONS

- Intel® Wi-Fi 6E AX211 (802.11 ax)
- Bluetooth® V5.3
- Optional dedicated GPS module¹
- Optional GPS and 4G LTE multi-carrier mobile broadband¹

SECURITY

- Intel® vPro™ Technology (per CPU options)
- TPM 2.0
- NIST BIOS compliant
- Stealth mode
- Night vision mode

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 1D/2D barcode reader × 1²

POWER

- AC adapter : 100-240V, 50Hz-60Hz, 65W
- Main battery Li-Ion, 7.6V, 3600mAh, 8.5 hours³
- Optional long life battery Li-Ion 7.6V, 7200mAh, 17 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) x 150 mm (W) x 20.5 mm (H)
- 0.88 kg

WARRANTY

3-year limited warranty standard

1. GPS/WWAN and dedicated GPS are mutually exclusive.
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.

