

DURABOOK

Prepared for the Unexpected



R8-EX Tablet

Extreme Power, Ultra Compact.

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



**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 2/22 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 • 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)
------------------	----------------------------------

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 x 1 • USB 3.2 Gen 2 (type C) x 1 (support DP) • Audio in/out (combo jack) x 1 • microSD card (microSDXC) x 1 • Docking connector (20-pin Pogo) x 1 • Nano SIM card x 1 • DC-In jack x 1 • Optional USB 3.2 Gen1 (type A) x 1² • Optional 1D/2D barcode reader x 1²
----------------	--

POWER	AC adapter : 100-240V, 50Hz-60Hz, 65W Main battery Li-Ion, 7.6V, 3600mAh, 8.5 hours ³ • 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	• 8.94" (W) x 5.91" (D) x 0.81" (H) • 1.94 lbs
--------------------	--

WARRANTY	3-year Accidental Damage Warranty
----------	-----------------------------------

- 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.

