

# 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



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| DURABILITY | <ul style="list-style-type: none"><li>• MIL-STD 810H certified (Drop, Shock, Vibration, Rain, Dust, Altitude, Freeze/Thaw, High/Low Temperature, Temperature Shock, Humidity, Explosive Atmosphere, Salt Fog)</li><li>• ATEX Zone 2 certified<br/>Ex II 3G Ex ic IIC T4 Gc<br/>Ex II 3D Ex ic IIIB T135°C Dc</li><li>• 6' drop 26 faces</li><li>• IP 66 certified</li><li>• Magnesium alloy chassis</li><li>• Port covers</li><li>• Sunlight readable display</li><li>• Optional swappable battery technology</li></ul> |
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| OPERATING SYSTEM | Windows® 11 Pro 64-bit |
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| PROCESSORS | <ul style="list-style-type: none"><li>• Intel® Core™ i7-1250U (12th Gen) Processor with vPro™ (12MB Cache, up to 4.7 GHz, 2P+8E cores)</li><li>• Intel® Core™ i5-1230U (12th Gen) Processor with vPro™ (12MB Cache, up to 4.4 GHz, 2P+8E cores)</li><li>• Intel® Pentium® Gold Processor 8500 (8MB Cache, up to 4.4 GHz, 1P+4E cores)</li></ul> |
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| GRAPHICS | Intel® UHD Graphics |
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| MEMORY | Onboard 8GB up to 16GB (LPDDR4x) |
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| STORAGE | 128GB NVMe PCIe SSD <ul style="list-style-type: none"><li>• Optional 256GB/512GB/1TB PCIe SSD</li></ul> |
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| DISPLAY | 8.0" LCD (1280 × 800) <ul style="list-style-type: none"><li>• 800 nits DynaVue® sunlight readable display with capacitive multi-touch screen</li><li>• Optional with digitizer</li><li>• User selectable touch mode for Finger/Water, Glove or Stylus programmable function</li></ul> |
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| AUDIO | <ul style="list-style-type: none"><li>• Integrated microphone</li><li>• Intel® High Definition Audio Compliant</li><li>• Integrated speaker × 1</li></ul> |
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| CAMERA | <ul style="list-style-type: none"><li>• Integrated 2.0 MP front-facing camera</li><li>• Optional 11 MP auto-focus rear camera with flash</li></ul> |
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| KEYBOARD & INPUT | 4 buttons (1 user-definable key) |
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| COMMUNICATONS | <ul style="list-style-type: none"><li>• Intel® Wi-Fi 6E AX211 (802.11 ax)</li><li>• Bluetooth® V5.3</li><li>• Optional dedicated GPS module<sup>1</sup></li><li>• Optional GPS and 4G LTE multi-carrier mobile broadband<sup>1</sup></li></ul> |
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| SECURITY | <ul style="list-style-type: none"><li>• Intel® vPro™ Technology (per CPU options)</li><li>• TPM 2.0</li><li>• NIST BIOS compliant</li><li>• Stealth mode</li><li>• Night vision mode</li></ul> |
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| I/O INTERFACES | <ul style="list-style-type: none"><li>• Thunderbolt 4 x 1</li><li>• USB 3.2 Gen 2 (type C) x 1 (support DP)</li><li>• Audio in/out (combo jack) x 1</li><li>• microSD card (microSDXC) x 1</li><li>• Docking connector (20-pin Pogo) x 1</li><li>• Nano SIM card x 1</li><li>• DC-In jack x 1</li><li>• Optional USB 3.2 Gen1 (type A) x 1<sup>2</sup></li><li>• Optional 1D/2D barcode reader x 1<sup>2</sup></li></ul> |
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| POWER | AC adapter : 100-240V, 50Hz-60Hz, 65W<br>Main battery Li-Ion, 7.6V, 3600mAh, 8.5 hours <sup>3</sup> <ul style="list-style-type: none"><li>• Optional long life battery Li-Ion 7.6V, 7200mAh, 17 hours<sup>3</sup></li><li>• Optional swappable battery : 5 minutes swap time<sup>4</sup></li></ul> |
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| ENVIRONMENT | <ul style="list-style-type: none"><li>• Temperature<br/>Operating : - 20°C ~ 60°C / - 4°F ~ 140°F<br/>Storage : - 46°C ~ 71°C / - 51°F ~ 160°F</li><li>• Humidity : 5% ~ 95%</li></ul> |
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| DIMENSION & WEIGHT | <ul style="list-style-type: none"><li>• 227 mm (L) x 150 mm (W) x 20.5 mm (H)</li><li>• 0.88 kg</li></ul> |
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| WARRANTY | 3-year limited warranty standard |
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- 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.

