



# R8300

Durabook Americas presents the ultra-rugged R8300. This workhorse is as powerful and resilient as the men and women who use it each and every day. From the power-lines to the front lines, the R8300 operates in the harshest, most extreme environments, while providing users with over 20 hours of productivity with its dual hot-swappable batteries. And at 1050 nits, the R8300's best-in-class display is viewable in direct sunlight without glare.

## Ultra-Rugged Features

- MIL-STD 810G & MIL-STD 461F
- IP65 Certified
- Magnesium Alloy Case
- Temperature range: -20°F to 140°F

## Long Battery Life

- Fast Charge: The high-capacity, 9-cell battery can be charged up to 90% within 3 hours
- Optional second battery extends battery life over 20 hours
- Dual hot-swappable batteries for uninterrupted run-time



## Stealth Mode

- Extinguish all light and sound with the push of a button
- Applications remain running in the background

## Exceptional Outdoor Display

- 13.3" XGA (1024x768) TFT LCD
- Unmatched 1050 nits direct sunlight readable touch display

## Superior Security

- Quick Release storage allows for less than 5-second ejection of the HDD/SSD
- Biometric fingerprint scanner and TPM 2.0 prevent unauthorized access
- Intel® vPro provides added data protection

## Specifications

|                            |  |                    |   |
|----------------------------|--|--------------------|---|
| Display                    | <ul style="list-style-type: none"> <li>13.3" XGA (1024x768) TFT LCD, 1050 nits sunlight readable touch display, stealth/night vision modes</li> </ul>  | Communications     | <ul style="list-style-type: none"> <li>Intel® Dual Band Wireless-AC 8260, 802.11ac, Bluetooth 4.2</li> <li>4G-LTE multi-carrier mobile broadband<sup>1</sup></li> <li>GPS module with built-in GPS antenna<sup>1</sup></li> <li>Gigabit Ethernet, 10/100/1000 base-T</li> </ul>   |
| CPU & Operating System     | <ul style="list-style-type: none"> <li><b>Windows® 10 Pro</b> <ul style="list-style-type: none"> <li>Intel® Core i5-7200U, 2.5GHz, up to 3.1GHz, 3MB cache</li> <li>Intel® Core i7-7500U, 2.7GHz, up to 3.5GHz, 4MB cache</li> <li>Intel® Core i7-7600U with vPro, 2.8GHz, up to 3.9GHz, 4MB cache</li> </ul> </li> <li><b>Windows® 10 Pro with Windows® 7 Pro Downgrade</b><sup>1</sup> <ul style="list-style-type: none"> <li>Intel® Core i5-6200U, 2.3GHz, up to 2.8GHz, 3MB cache</li> <li>Intel® Core i7-6500U, 2.5GHz, up to 3.1GHz, 4MB cache</li> </ul> </li> </ul>  | Security           | <ul style="list-style-type: none"> <li>CompuTrace® Ready</li> <li>Intel® vPro</li> <li>TPM 2.0</li> <li>Kensington Lock</li> <li>Stealth Mode</li> <li>Fingerprint Scanner</li> <li>Quick Release HDD</li> <li>SmartCard/CAC Reader</li> </ul>  |
| Memory                     | <ul style="list-style-type: none"> <li>8GB DDR4-2133MHz, expandable to 32GB</li> </ul>   | Expansion Slots    | <ul style="list-style-type: none"> <li>SmartCard/CAC Reader</li> <li>PCMCIA Slot or Express Card 54<sup>4</sup></li> </ul>  |
| Graphics                   | <ul style="list-style-type: none"> <li>Intel® HD Graphics 620 (520 on i5-6200U and i7-6500U models)</li> </ul>   | I/O Ports          | <ul style="list-style-type: none"> <li>1x USB 3.0, 2x USB 2.0</li> <li>1x Audio-out Mini-Jack</li> <li>1x Microphone-in Mini-jack</li> <li>2x RJ-45 Jacks</li> <li>1x RS-232 (Serial Port)</li> <li>1x VGA (Optional HDMI)</li> <li>1x DC-In</li> <li>1x Docking Connector</li> <li>Tri Pass-Through Connector for WLAN/WWAN/GPS<sup>1</sup></li> </ul> |
| Storage                    | <ul style="list-style-type: none"> <li>User Removable 2.5" SATA HDD 500GB/1TB</li> <li>User Removable 2.5" SATA SSD 256GB, up to 1TB<sup>1</sup></li> </ul>  | Power              | <ul style="list-style-type: none"> <li>Primary: 9-cell 7800 mAh battery (up to 14 hours)<sup>2</sup></li> <li>Optional Secondary: 6-cell 3800 mAh battery (up to 7 hours)</li> <li>AC Adapter: 100V - 240V; 50/60Hz; 90W; 19V</li> </ul>  |
| Media Bay                  | <ul style="list-style-type: none"> <li>5.25" Super Multi DVD-RW Drive</li> <li>Optional 2nd Battery (Media Bay)<sup>4</sup></li> </ul>   | Green Design       | <ul style="list-style-type: none"> <li>RoHS compliant, REACH, Energy Star, EPEAT Gold</li> </ul>  |
| Audio                      | <ul style="list-style-type: none"> <li>High Definition Audio</li> <li>Speaker x 2</li> <li>Analog Microphone</li> </ul>  | Certifications     | <ul style="list-style-type: none"> <li>FCC, CE, CUS, CB</li> </ul>  |
| Keyboard & Pointing Device | <ul style="list-style-type: none"> <li>Backlit keyboard with 4 adjustable levels of brightness</li> <li>Touchpad with 2 buttons</li> <li>Sealed rubber backlit keyboard<sup>1</sup></li> <li>Single touch panel with stylus</li> </ul>   | Dimension & Weight | <ul style="list-style-type: none"> <li>12"(W) x 10.57"(D) x 2.28~2.63"(H)</li> <li>7.9 lbs/ 3.6Kg</li> </ul>  |
| Rugged Features            | <ul style="list-style-type: none"> <li>IP65</li> <li>MIL-STD-810G certified (4' drop, shock, vibration, rain, dust, sand, freeze/thaw, high/low temperature, temperature shock, gunfire shock, hazardous shock, helicopter integrity, solar radiation, acidic atmosphere, explosive atmosphere, humidity)</li> <li>MIL-STD 461F Level II<sup>1</sup></li> <li>Fixed Wing Internal, 25 meters nose to tail</li> <li>MIL -STD-810G 509.5 Salt Fog certified<sup>1</sup></li> <li>5% Salt 48Hr Exposure, 48Hr Drying Period when the unit is off</li> <li>ANSI C1D2 12.12.01</li> <li>Vibration Truck Transport</li> <li>ASTM 4169, 11.5.2 Random test, Assurance Level II</li> </ul> | Accessories        | <ul style="list-style-type: none"> <li>Vehicle Dock</li> <li>Vehicle Dock with Tri Pass-Through for WLAN/WWAN/GPS</li> <li>Office Dock</li> <li>Lind Car Adapter</li> <li>2nd Battery (Media Bay)</li> <li>Dual Battery Charger <ul style="list-style-type: none"> <li>- 1 slot for main battery</li> <li>- 1 slot for media bay</li> </ul> </li> </ul> |
|                            |  | Warranty           | <ul style="list-style-type: none"> <li>3- Year DURABOOK 3-D Warranty</li> </ul>   |

1. Optional items

2. Mobile Mark Life Test Method (Battery life may vary with product configurations, settings, usage patterns and operating environment.)

3. Actual weight may vary with different configurations

4. Mutual exclusive



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