

DURABOOK

Prepared for the Unexpected



R8300 Laptop

Combat-Ready, Fully-Rugged Laptop

- 13.3" XGA DynaVue® SR display with 950 nits
- 6th Generation Intel® Core™ Processor
- Wireless AC 8260 and Bluetooth® V4.2
- Quick-release HDD/SDD design
- 14 hrs. hot-swappable battery
- Default built-in smart card reader



**Dyna
Vue**

R8300 Specifications



DURABILITY

- MIL-STD 810G certified (Drop, Shock, Vibration, Rain, Dust, Altitude, Freeze/Thaw, High/Low Temperature, Temperature Shock, Humidity, Explosive Atmosphere, Salt Fog, Solar Radiation, Acidic Atmosphere, Gunfire Shock)
- MIL-STD 461F certified (Conduction, Radiation, Conducted Susceptibility, Radiated Susceptibility)
- ANSI/ISA 12.12.01-2000, Class I, Division 2
- 4' drop 26 faces
- IP 65 certified
- Aluminum-magnesium alloy chassis
- Port covers
- Removable quick-release battery and storage drive
- Sunlight readable display
- Optional swappable battery technology

OPERATING SYSTEM

Windows® 10 Pro 64-bit
Windows® 7 Pro 64-bit¹

PROCESSORS

- Intel® Core™ i7-7600U with vPro™, 2.8GHz, up to 3.9GHz, 4MB cache
- Intel® Core™ i7-7500U, 2.7GHz, up to 3.5GHz, 4MB cache
- Intel® Core™ i5-7200U, 2.5GHz, up to 3.1GHz, 3MB cache
- Intel® Core™ i7-6500U, 2.5GHz, up to 3.1GHz, 4MB cache
- Intel® Core™ i5-6200U, 2.3GHz, up to 2.8GHz, 3MB cache

GRAPHICS

Intel® HD Graphics 620 (7th Gen CPU)
Intel® HD Graphics 520 (6th Gen CPU)

MEMORY

2 slots 4GB up to 32GB (2133MHz DDR4)

STORAGE

- 500GB HDD
- Optional 1TB HDD
- Optional 256GB/512GB/1TB SSD

DISPLAY

- 13.3" XGA (1024 x 768) TFT LCD
- 950 nits DynaVue® sunlight readable display with capacitive single-touch screen

AUDIO

- Integrated microphone
- Intel® High Definition Audio Compliant
- Integrated speaker x 2
- Keyboard volume and mute controls

KEYBOARD & INPUT

- 2 user-definable keys (P1/P2)
- RF signal slide-switch
- Standard membrane keyboard with optional LED backlight membrane keyboard

COMMUNICATIONS

- Integrated 10/100/1000 Ethernet
- Intel® Dual Band Wireless AC 8260 (802.11a/b/g/n/ac)
- Bluetooth® V4.2
- Optional dedicated GPS module (UBLOX-NEO-M8N)
- Optional 4G LTE multi-carrier mobile broadband
- Optional RF antenna pass-through for GPS, WWAN, and WLAN

SECURITY

- Intel® vPro™ Technology (per CPU options)
- TPM 2.0
- NIST BIOS compliant
- Smart card reader default
- Stealth mode
- Kensington lock
- Night vision mode
- Computrace® Ready
- Optional fingerprint scanner

I/O INTERFACES

- USB 3.0 (type A) x 1
- USB 2.0 (type A) x 2
- Headphone jack x 1 and mic jack x 1
- SD card (SDXC) x 1
- 10/100/1000 Ethernet (RJ-45) x 2
- VGA port (D-sub, 15-pin) x 1 or HDMI port (type A) x 1 or 2nd serial Port x 1
- Serial port (RS-232 : D-sub, 9-pin) x 1
- Docking connector (41-pin Pogo) x 1
- SIM card x 1
- Smart card reader x 1
- DC-In jack x 1
- Optional PCMCIA Type II x1 or ExpressCard 54 x1
- Optional RF antenna pass-through for GPS, WWAN, and WLAN

MEDIA BAY

(One Option Only)

- Optional DVD super multi
- Optional 2nd battery

POWER

- AC adapter : 100-240V, 50Hz-60Hz, 90W
- Main battery Li-Ion, 11.1V, 7800mAh, 14 hours²
- Optional 2nd battery Li-Ion 10.8V, 3800mAh, 7 hours²

ENVIRONMENT

- Temperature
Operating : -30°C ~ 60°C / -22°F ~ 140°F
Storage : -51°C ~ 71°C / -60°F ~ 160°F
- Humidity : 5% ~ 95%

DIMENSION & WEIGHT

- 12.05" (L) x 10.57" (W) x 2.28" (H)
- 7.94 lbs

WARRANTY

3-year Accidental Damage Warranty

1. Only available on 6th Gen CPU.
2. Tested using the MobileMark 2014 battery life benchmark. Results may vary under different situations including hardware configuration, software, operating conditions, power management settings and other factors.