DURABOOK
ANYTIME MISSION CALLS

R8300

Combat-Ready, 13" Fully-Rugged Notebook

R8300, the ultra-rugged notebook is designed for users work in the most extreme environments. With MIL-810G and IP65 certification, it can operate under the most vigorous condition; from searching desert to freezing terrains and from stealth mission to the heart of combat zone. It also packs Intel® 6th Generation Skylake-U CPU to run the most demanding tasks. With TPM, quick HDD release function and fingerprint scanner, R8300 offers the undisputed security for data protection.

Extremely rugged features

R8300 is IP65 and MIL-STD 810G certified. It is built with high quality of magnesium alloy that guarantees to perform. It can work at 15,000 feet in the air, extremely temperature of -20° F to 140°F, under the 40 G shock or 26 drops from 4 feet.

Secured Dual Battery Lock
The lock prevents the battery from disengaging during vigorous vibration to ensure without interruption at any critical task.

Long Battery Life

Fast charge
R8300 can quick-charge its High-Capacity, 9-cell Smart Battery Pack for up to 90% of the capacity within merely 3 hours.

Hot Swap
Equipped with quick release and hot swappable function, the second battery can further extends the battery life up to 16 hours.

merely **3hr** **90**%

Stealth Mode

DURABOOK's unique Stealth Mode can be applied in special mission such as stakeout operation and raids. One click immediately turns off all sounds and emitting lights while all programs remain running in the background.

Exceptional Outdoor Display

Equipped with a 13.3" TFT LCD (1024 x 768) screen at 1050 nits with sunlight readable touch panel, R8300 offers excellent screen viewing even under direct sunlight.

Superior Security

To protect against unauthorized access to protected data, R8300 is equipped with various devices of secured tools.
- Trusted Platform Module (TPM) chip
- Biometric Fingerprint Scanner
- Quick Release HDD : It allows for less than 5-second ejection of disk drive in a situation when protecting valuable data.

Specifications

Fully Rugged Features	▪ IP65 ▪ MIL-STD-810G certified (4' drop, shock, vibration, rain, dust, freeze/thaw, high/low temperature, temperature shock, Gunfire Shock, Hazardous Shock, Helicopter Integrity, solar radiation, Acidic atmosphere, salt fog,explosive atmosphere) ▪ MIL-STD 461F Level II[1] Fixed Wing Internal, 25 meters nose to tail ▪ MIL -STD-810G 509.5 Salt Fog certified[1] 5% Salt 48Hr Exposure 48Hr Drying Period when the unit is off ▪ ANSI C1D2 12.12.01[1] ▪ Vibration Truck Transport ASTM 4169, 11.5.2 Random test, Assurance Level II	**Audio**	▪ High Definition Audio ▪ Speaker x 2 ▪ Analog Microphone
		Communication	▪ Intel® AC8260 (a/b/g/n/ac) and Bluetooth 4.2 Combo ▪ Gobi 5000 LTE[1] ▪ GPS module with built-in GPS antenna[1] ▪ Integrated Gigabit Ethernet
		Security	▪ Administrator password/ Boot password ▪ Computrace® Ready ▪ Intel®vPro[1] ▪ TPM 2.0 ▪ Kensington Lock ▪ Stealth Mode ▪ Fingerprint Scanner ▪ Quick Release HDD ▪ Smart Card Reader
Environment	▪ Temperature Operating: -20°F ~ 140°F[2] MIL-STD 810G 501.5 Procedure II Storage: -60°F ~ 160°F MIL-STD 810G 501.5/502.5 Procedure I ▪ Humidity Operating: 5% ~ 95%, Test Method: MIL-810G 501.5 Procedure II ▪ Altitude Operating: 15,000 feet MIL-STD 810G 500.5 Procedure II Non Operating : 40,000 feet MIL-STD 810G 500.5 Procedure I	**Expansion Slots**	▪ SD memory card reader ▪ Smart Card Reader ▪ PCMCIA Slot (Optional Express Card 54)
		I/O Ports	▪ Two USB 2.0 ▪ One USB 3.0 ▪ One Head Phone out phone jack ▪ One Mic-in jack for external Microphone ▪ One DC-In jack ▪ Two RJ-45 jacks for internal 10/100/1000Mbps Ethernet ▪ One RS-232 D-Sub connector ▪ One 15 pin VGA port for ext. monitor/projector (Optional HDMI) ▪ Docking connector ▪ Tri-passthrough (WLAN/WWAN/GPS)[1]
CPU	▪ Intel® Skylake i5-6200U 3MB Cache 2.3GHz with 3.0GHz Turbo ▪ Intel® Skylake i5-6300U 3MB Cache 2.4GHz with 3.0GHz Turbo with vPro ▪ Intel® Skylake i7-6500U 4MB Cache 2.5GHz with 3.1GHz Turbo ▪ Intel® Skylake i7-6600U 4MB Cache 2.6GHz with 3.1GHz Turbo with vPro		
Operating System	▪ Windows 10 Professional ▪ Windows 7 downgrade option[1]	**Power**	▪ Primary 9-cell 7800 mAh battery pack: 11 hrs[3] ▪ 19V, 90W
Display	▪ 13.3" XGA(1024x768) 1050 nits TFT LCD with sunlight readable touch panel, Stealth Mode and Night Vision features	**Green Design**	▪ RoHS compliant, REACH, Energy Star, EPEAT Silver
Graphics	▪ Intel® HD 520	**Certifications**	▪ FCC, CE,CUS,CB
Memory	▪ Two 204-pin DDR4 SODIMM sockets each for 4GB, 8GB, 16GB, 32GB Max.	**Dimension & Weight**	▪ 12''(W) x 10.57''(D) x 2.28~2.63''(H) ▪ 7.9 lbs/ 3.6Kg[4]
Storage	▪ 2.5" SATA HDD 500GB/1TB or SSD 128GB ~ 1TB	**Accessories**	▪ Vehicle Docks ▪ Vehicle Docks with Tri-Pass Thru (WLAN/WWAN/GPS) ▪ Office Dock ▪ Lind Car Adapter ▪ 2nd Battery (Media Bay) ▪ Dual Battery Charger - 1 slot for main battery - 1 slot for media bay
Optical Disk Drive	▪ 5.25" Super Multi DVD-RW Drive ▪ 2nd Battery (Media Bay)[1]		
Keyboard	▪ Backlit keyboard with 4 level of brightness adjustment ▪ Standard touchpad with 2 buttons ▪ Rubber Backlit Keyboard[1]	**Warranty**	▪ 3 years DURABOOK "Peace Of Mind" (POM) warranty coverage

1. Optional items
2. With extended temperature SSD or HDD heater
3. Mobile Mark Life Test Method (Battery life may vary with product configurations, settings, usage patterns and operating environment.)
4. Actual weight may vary with different configurations