

Fully Rugged Notebook

R8300

Tough Features	
Drop Resistance	MIL-STD-810G, Method 516.6, Procedure IV, 48 inches high with 26 drops to 2" plywood over concrete when the unit is operating with the storage of SSD
Shock Resistance	MIL-STD-810G, Method 514.6, Procedure I, Category 24, Fig. 514.6E-1 ASTM 4169, Truck Transport, 11.5.2 Random test, Assurance Level 2
Water/ Sand/ Dust Resistance	IP65
Salt fog	Meet MIL-STD-810G 509.5 5% Salt 48Hr Exposure 48Hr Drying Period when the unit is off
MIL-STD 461F	Meet MIL-STD 461F CE 102, RE102, figure RE102-3 limit for aircraft & space system applications, Level 2 (Fixed Wing Internal, ≤ 25meters nose to tail)
Temperature	Operating Temperature : -30° ~ 60° C (Test Method: MIL-810G 501.5 Procedure II) Storage Environment Temperature : -51° ~ 71° C (Test Method: MIL-810G 501.5/502.5 Procedure I, Climatic type: Hot Dry-Severe cold)
Humidity	5% ~ 95% (Test Method: MIL-STD 810G 507.5 Procedure II)
Altitude	Operating: 15,000ft (MIL-STD-810G 500.5 Procedure II) Non Operating: 35,000ft (MIL-STD-810G 500.5 Procedure I)
System Specifications	
Processor	Intel® Core™ i7-3667U Processor (4M Cache, up to 3.20 GHz)
System Memory	Two 204-pin DDR3 SODIMM sockets each for 4GB, 8GB, 16GB Max.
Storage	SATA HDD- equipped with quick-release feature
Media	5.25" Super multi DVD/RW (Media compartment can be used as optional 2nd battery)
Display	• 13.3" XGA (1024x768) Resistive Touch Sunlight Readable TFT LCD
Graphics	• Intel® HD Graphics 4000
Audio	• HD Audio • Analog Mic • Two speaker
Chipset	• Intel® QM77
I/O Devices	• Expansion Card : Optional 32bit PC card type II slot that support Cardbus 2.1 • Express Card/Smart Card reader: Optional Card 54/34 slot x1 or Optional Smart card slot that support ISO 7816 • Touch Pad : Hidden Touch Pad – PS/2 mouse interface / support Right/Left buttons
I/O Ports	• 3 x USB 2.0 connectors • 1 x Head Phone out phone jack • 1 x DC-In jack • 1 x RS-232 D-Sub connector • 1 x 84 pin Docking connector • 2 RF pass through connectors for Ext. antenna of WWAN and GPS • 1 x USB 3.0 connector • 1 x Mic-in phone jack for external Microphone • 1 x RJ-45 jack for internal 10/100/1000M bit Ethernet • 1 x 15 pin VGA port for ext. monitor/projector
Keyboard	88 US Keys with Windows Key Optional backlight keyboard (US) with 10 level of brightness adjustment
Wireless/Communications	Intel® Dual Band WirelessBluetooth combo module One M2 card slot for the WWAN module (Type 3042-S3-B)that support 3G or 4G LTE module(optional) • Built in WWAN antenna & SIM card slot • Optional GPS module with Built in GPS antenna
Power System	AC/DC adapter : Input: AC 100~240V 50/60Hz, universal , Output: 19V, 90W Compliant with Energy Star
Battery	• Li-Ion 9 cells (Approx. 8hrs*) • Optional 2nd 6 cell battery
Security	Administrator password/ Boot password, Computrace support, TPM 1.2, Kensington Lock
Operating System	Windows 7 (32bit or 64bit)
Dimensions & Weight	12"(W) x 10.57"(D) x 2.28~2.63"(H) / 305mm(W) x 267mm(D) x 58~67mm(H) 8 lbs / 3.63 Kg (with ODD & 9 cells Battery)
Green Design	RoHS compliant, REACH, Energy Star, EPEAT Silver
Certifications	FCC, CE,CUS,CB



DURABOOK

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* Battery life may vary based on setting and usage.