Specification

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Rugged Features	• IP531	Security	Smart Card Reader
	• Drop	*	Computrace® Ready
	MIL-STD 810G 516.6 Procedure IV, 26 drops from 3 feet		• Intel® vPro
	height onto plywood over concrete		• TPM 1.2
	 Vibration 		Fingerprint Scanner
	MIL-STD 810G 514.6 AnnexC Cat.4, Fig 514.6C-1		Kensington Lock
	ASTM 4169-08 Truck Transport, 11.5.2 Random test		Stealth Mode
	Assurance Level II		Quick Release HDD
	Magnesium Alloy Chassis	Keyboard & Buttons	Power ON / OFF button
Environment	Temperature		RF ON / OFF button
	Operating: -20°C~ 50°C⁵		Quick Setting Control button
	Storage: -40°C~ 71°C		One Programmable button
	Humidity		 One Stealth or Night Vision Mode button
	Operating: 5% ~ 95%		Backlit Keyboard ²
	Altitude	Expansion Slots	One PCMCIA Type II slot
	Operating: 15,000 feet MIL-STD 810G 500.5 Procedure II		One SD card reader slot (SDHC)
	Non Operating: 40,000 feet MIL-STD 810G 500.5 Procedure I		One Smart Card Reader
Operating System	Genuine Windows 7 Professional ²		 One Express Card 54 slot^{2.7}
	 Genuine Windows 8 Professional² 	I/O Ports	Two USB2.0
CPU	• Intel® Core™i5 or i7		Two USB3.0
Memory	Two DDRIII sockets (Max. 16GB)		One headphone jack
Storage	• 2.5" SATA HDD 500/750 GB		One microphone jack
	• mSATA SSD 32~128 GB ²		• One RJ-45
Multimedia Bay	DVD Super Multi		• Second RJ-45 ²
	Blu-Ray disk drive ²		One HDMI type A connector
Display	• 14.0" HD (1366x768) TFT LCD		One VGA port
	Resistive Touch Panel ²		One RS232 port
	 Sunlight Readable 500 nits Display² 		One DC-In
	Night Vision Mode ⁶		 Docking connector²
Graphic	 AMD Radeon[™] E6760 with 1GB GDDR5² 	Battery	Two Hot-Swap Li-ion battery packs ²
Audio	Intel High Definition Audio		 Primary 9-Cell 7800 mAh battery pack: 7 hrs³
	 1.5KHz Speaker x 1 / 90db 		 Secondary 6-Cell 5200 mAh battery pack: 5 hrs^{2,3,8}
	Microphone x 2 for Mic. Array		 Providing up to 12 hrs with two batteries³
Camera	1.3 Mega-pixel Web-Cam	AC Adaptor	• 110V - 240V; 90W
Communication	 One 10/100/1000 Mbps Ethernet 	Dimension	• 342 mm (L) x 245 mm (W) x 47 mm (H)
	 Second 10/100/1000 Mbps Ethernet² 	Weight	 3.4 Kg/7.48 lbs³
	 Intel[®] Centrino[®] Wireless-N 6235 (802.11 a/b/g/n) 		(with 9-cell battery and 2.5" SATA HDD)
	Bluetooth 4.0		
	 Gobi 3000 or LTE WWAN² 		
	• GPS ²		

- 1 Pass all function tests after performing IP5x testing with Talcum Powder for 8 hrs
- 3 Battery Mark 4.0.1 Life Test Method (Battery life may vary with the product configuration, settings, usage patterns, and operating environment.)
- 4 Actual weight may vary with different configurations

- 5 With extended temperature mSATA
- 6 Available with Sunlight Readable Display
- 7 Mutually exclusive with Smart Card Reader
- 8 Mutually exclusive with standard 2.5" SATA HDD

Accessories





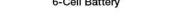
• DC-out: 19V







6-Cell Battery







The specification and pictures are subject to change without notice. All brand names are registered trademarks of their respective owners.



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DURABOOK Prepared for the Unexpected



14" High Performance Rugged Laptop

Prepared for the Unexpected

DURABOOK

Robust Features

- IP53 for dust/water resistance
- MIL-STD 810G protection against vibration, drop and shock
- Wide operating temperature: -20°C ~ 50°C (with extended temperature mSATA)
- Wide temperature storage: -40°C ~ 71°C
- Operating humidity: 5% ~ 95%
- Magnesium alloy chassis



Backlit Keyboard

SA14 comes with optional waterproof backlit keyboard for ease of operation in low light condition.





Stealth Mode

The exclusively designed Stealth Mode can be used in special missions such as stakeout operation. With a quick press of button, Stealth Mode immediately turns off all sounds and emitting lights including LCD, LED indicators, and backlit keyboard while all programs remain running in the background.



Night Vision Mode

Night Vision Mode is standard when equipped with Sunlight Readable LCD. The Night Vision Mode complies with NVIS Type I Class A requirement for brightness and chromaticity. Night Vision Mode can be switched On/Off with a quick button.



Multi-Function Bay 1 - High Performance **Graphics Processing Unit**

With demand for higher graphics performance, SA14 offers superior 35W AMD Radeon E6760 GPU with 1GB GDDR5 for unmatched graphics performance in rugged laptop. The Multi-Function Bay comes with the option of switching between using the AMD Radeon E6760 GPU or Optical Disk Drive.













Multi-Function Bay 2 - Hot Swappable Second Battery

SA14 is designed with an optional 6-cell battery that runs for more than 12 hours when paired with the primary 9-cell battery. The two battery packs enable the Hot-Swappable feature and further extends the operating hours. The second 6-cell battery is compatible with mSATA storage device. When using the 6-cell battery, the standard 2.5" SATA HDD is replaced by the mSATA storage device.





Display Feature

14" HD Widescreen Display

SA14 is equipped with 14 inch TFT LCD (1366 x 768) with Anti-Glare Coating Glass for exceptional visual performance.



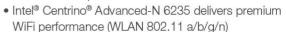
With circular polarizer, anti-reflective coating and enhanced 500nits brightness, SA14 provides excellent LCD display even in ultra-bright, direct sunlight.





Wireless Connectivity









Global Positioning System (GPS)





Advanced Security and Management Technologies

Intel[®] vPro[™]

Computrace® Ready

• Biometric Fingerprint Scanner

Smart Card Reader

• TPM1.2



DURABOOK Quick Setting Control provides One-Key quick setting to all of your most frequently used functions:



- System Information
- On/Off for WLAN, WWAN, Bluetooth, and GPS
- Programmable button setting
- Indicator for BIOS/EC version
- Stealth Mode / Night Vision Mode setting





