

# Rugged Notebook

# SA14

## Rugged Features

Drop Resistance	<ul style="list-style-type: none"><li>• MIL-STD-810G Method 516.6 Procedure IV</li><li>• 3 feet high with 26 drops to 2" plywood over concrete</li></ul>
Shock Resistance	<ul style="list-style-type: none"><li>• MIL-STD-810G Method 514.6 General Vibration</li><li>• ASTM 4169-08 Truck Transport 11.5.2 Random test Assurance Level II</li></ul>
Dust / Water Resistance	IP53

## System Specifications

Processor	Intel® Core™ Ivy Bridge 3rd Generation vPro™ i5 / i7 Processor
System Memory	Two DDR3-1600 MHz SODIMM sockets each for 2, 4, 8GB / Max. 16GB
Chipsets/ Graphic	Intel QM77/ Intel Ivy Bridge integrated HD graphic controller Optional AMD Radeon™ E6760 MXM 3.0 with 1GB GDDR5 (either ODD or MXM at same location)
Display	<ul style="list-style-type: none"><li>• 14.0" HD (1366 x 768) TFT LCD</li><li>• Optional 500 nits brightness Resistive Touch Sunlight Readable panel</li></ul>
Special Modes	Stealth Mode / Optional night vision mode setting
Storage	2.5" 9.5mm SATA HDD ( Optional M-SATA SSD as the main storage) Exclusive HDD quick-release feature.
Optical Media Device	One internal optical drive for: <ul style="list-style-type: none"><li>• DVD Super Multi (DVD-R/CD-RW/DVD-RW/DVD+RW_DL/DVD-RAM)</li></ul>
Audio	One speaker at 1kHz 90db / Analog Mic. Array
Webcam	1.3MP
Interface	<ul style="list-style-type: none"><li>• Two USB 3.0 connectors</li><li>• One Headphone / Mic-in jack</li><li>• One 19 pin Type A HDMI</li><li>• One Smart Card Reader</li><li>• One PCMCIA Type II slot (Factory Option)</li><li>• Two USB 2.0 connectors</li><li>• One 15 pin D-sub VGA out</li><li>• One 9 pin D-sub RS232 serial port</li><li>• SD card reader</li></ul>
Wireless/Communications	<ul style="list-style-type: none"><li>• Integrated Gigabit Ethernet (Optional 2nd Gigabit Ethernet)</li><li>• Integrated Intel mini express Wireless LAN 802.11a/b/g/n</li><li>• Bluetooth 4.0 Combo WiFi Link 6235 series</li><li>• Optional GPS / WWAN</li></ul>
Power Supply	AC power input: 100V-240V, 50Hz-60Hz Standard Battery : 9-cell 7800 mAh; 8 to 9 hrs battery life ( depending on configuration ) Optional hot-swappable second battery pack 6-cell 5200 mAh Total battery life : 9 to 12 hrs ( with two packs )
Security	Intel® vPro™ / Computrace® Ready / Smart Card Reader / TPM1.2 / Kensington Lock / Nist Bios Ready Finger print option available
Operating System	Microsoft Windows® 7 32/64 bit
Certifications	<ul style="list-style-type: none"><li>• US: FCC, DOC+ FCC ID</li><li>• EU: CE</li><li>• CAN: CUS, IC</li></ul>
Warranty	2-Year Warranty
Dimensions & Weight	13.46" (W) x 9.64" (D) x 1.45"~1.85" (H) / 342mm (W) x 245mm (D) x 37~47 mm (H) <ul style="list-style-type: none"><li>• 6.45lbs : without battery</li><li>• 7.40lbs : with 9 cell primary battery</li><li>• 8.20lbs : with 9 cell primary battery + optional 6 cell second battery</li></ul>



# DURABOOK

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