

OPTIA® 13" Ruggedized Convertible Notebook

OPTIA®



DESCRIPTION

The OPTIA® Ruggedized Notebook with convertible-tablet LCD is produced for the military, intelligence and law enforcement user that demands performance in the most severe tactical environments. The OPTIA® Notebook meets the Military Standard 810F specification for drop, shock and spill resistance. It is completely enclosed in magnesium alloy, has rubber corner protectors, and has protection doors for all IO ports and connectors. The user finds it easy to use in the field with its convertible sunlight readable 13.3" LCD and touch screen sensitivity. **Discriminating features such as 4 GB memory, storage up to 500 GB, internal DVD drive, integrated carry handle and standard fingerprint scanner combined with cost-effective pricing provides buyers a best-value and best-quality alternative.**

RUGGEDIZED FEATURES

Drop Resistance	MIL STD 810F-516.5, Procedure VI, 26times 91cm height free drop onto wood and concrete
Spill Resistance	MIL STD 810F-506.4, Procedure II, IEC 60529 Edition 2.1 :2001-02-IPX4
Shock Resistance	Random Vibration Test (Operating) : ASTM 4169-99, Truck Assurance Level II, Schedule E Random Vibration (Non-Operating) : MIL-STD-810F, Method 514.5, Procedure 1, Category 24 Sine Vibration (Non-Operating): MIL-STD-810F, Method 514.5, Procedure 1, Category 24
Dust Resistance	MIL-STD-810F 510.4 Procedure I, IEC 60529 Edition 2.1 :2001-02-IP5X, IP-54 Compliant

SYSTEM SPECIFICATIONS

Processor	Intel® Core™ 2 Duo U7500, ULV
Standard Memory	4GB DDR2-667MHz
Storage	160GB (up to 500 GB) SATA HDD, 7200 RPM
Display	13.3" Wide Active Matrix TFT LCD
Resolution	1280 x 800 WXGA
Sunlight Readable	NIT Rating of 1000
Touch Screen	Resistive Touch
Handle	Integrated Carry Handle
DVD	Internal DVD±RW Multi-drive
Security	Standard Integrated Fingerprint Scanner
Keyboard	Standard LED Back-lit

Note: Additional specifications on back.

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SYSTEM SPECIFICATONS—CONTINUED

Operating System	Windows Business Vista or Windows XP Pro
Video Memory	358 MB Shared Memory
Keyboard Options	87 Key for UK, German, or France
Audio	2 x Built in speaker 2 x Microphone
I/O Ports	1 x LAN RJ45 10/100/1000 1 x DC input 1 x VGA / D-sub 15pin 3 x USB 2.0 1 x SIM Card 1 x Audio Jack-Out 1 x Audio Jack : MIC-in 1 x PC Card Slot 1 x SD Card Reader 1 x Docking Connector (PoGo Pin) 1 x RS -232 1 x RJ11
Wireless	HSDPA/GPRS/GSM/WCDMA
Communication	Modem 56kbps (V.92)
Power	19V DC,4.74A, 90W, 2 pin compact power supply system, MIL-STD 461E
Temperature	High Temp: MIL-STD-810F 501.4 Procedures I (Storage) and II (operation) Low Temp: MIL-STD-810F 502.4 Procedures I (Storage) and II, III (operation) Operating: Standard 32°F to 122°F Boot Operating : -4°F to 122°F (with HDD Heater) Non Operating: -4°F to 158°F
Altitude	Operation: 10,000 ft Non-operation : 40,000 ft
Battery	Lithium Ion, 6+ Hours
Dimensions	13.5" (W) x 10" (D) x 2.3" (H) - closed configuration
Weight	8.4 lbs