

**Industrial  
Computing**

# Guardian Model 117 Rugged Notebook



**Guardian Rugged Portable Notebook Model 117** is a Rugged Portable Notebook with a 17.1" screen yet light enough to carry and is perfect for the data-heavy applications used by the military and public safety sectors.

**Guardian Rugged Portable Notebook Model 117 features:**

- 17.1" WXGA (1440 x 900) LCD with LED Backlight
- Intel® Sandy Bridge i7-2610UE Processor (4M Cache, up to 2.40 GHz)
- 4GB DDR3 1333MHz
- Intel® HD Graphics 3000
- Removable 2.5" 500GB (5400 rpm) SATA II HDD
- Optional Removable 2.5" SATA II SSD
- Removable SATA II DVD/-RW
- Options: Night Vision, Serial Port, Military DC Jack, 2nd Battery (Trade-off with ODD)
- MIL-STD 810G & IP-65 Certified

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# Guardian Model 117 Rugged Notebook

## SPECIFICATIONS

Item	Standard	Upgrades
<b>Environmental Rating:</b>	MIL-STD 810G & IP-65	MIL-STD 461F (Military Package only)
<b>Operating System<sup>1</sup>:</b>	Windows 7/8 Professional	
<b>CPU:</b>	Intel® Sandy Bridge i7-2610UE Processor (4M Cache, up to 2.40 GHz)	
<b>Memory:</b>	4GB DDR3 1333 MHz	Max: 16GB DDR3 1333MHz
<b>Graphics:</b>	Intel® HD Graphics 3000	
<b>Display:</b>	17.1" WXGA (1440 x 900) LCD with LED Backlit	Night Vision*
<b>Storage:</b>	Removable 2.5" 500GB (5400 RPM) SATA II HDD	Optional Removable 2.5" SATA II HDD
<b>Audio:</b>	HD Audio and Stereo Speakers	
<b>Keyboard &amp; Touchpad:</b>	Standard 87-key (membrane type) Touchpad (resistive type)	89-key backlit (rubber type) keyboard
<b>Flexible Expansion Bay:</b>	Removable SATA II DVD/-RW	Swappable 2nd battery, or 2nd HDD/SSHD, Flexpedient® module
<b>Buttons (Top):</b>	Power Switch Touchpad	
<b>I/O Interface:</b>	<b>LEFT:</b> PS/2 x 1 (KB+mouse), USB 3.0 x 2, USB 2.0 x 1 (USB Fast Charger), IEEE 1394a x 1, GLAN RJ45 x 1, Audio Jack x 3 (Line-in/Microphone/Headphone), Express Card Slot (PCI Express) x 1 <b>REAR:</b> Serial DB9 x 2 (Default: COM1, COM2), DC Jack x 1, VGA Port x 1, DVI port x 1, Printer port x 1	Optional: Serial Port DB9 x 2  Optional: Military DC Jack
<b>Power:</b>	<b>Main Battery:</b> 11.1V, 8700mAh Lithium-Ion Battery <b>AC Adapter:</b> 90W AC 100V~240V 50/60Hz	Optional 2nd Battery (Trade-off with ODD): 11.1 V/8700mAh Lithium-Ion battery
<b>Color / Case:</b>	Black or NATO Green Magnesium Alloy	
<b>Overall Dimensions:</b>	16.14 in x 12.43 in x 2.79 in 410 mm x 315.8 mm x 70.8 mm	
<b>Weight:</b>	12.99 lbs (5.89 kg)	

Integrated Options	Optional
<b>Wireless LAN/PAN:</b>	Intel Centrino Advanced-N 6235 (802.11 a/b/g/n, Bluetooth, 2.1, 2.1+EDR, 3.0, 3.0+HS, 4.0 (BLE))
<b>Wireless WAN:</b>	Gobi 3000
<b>GPS:</b>	Ublox LEA-6H
<b>Security:</b>	TPM v1.2 module
<b>Built-in Vehicle Adapter:</b>	DC-in 12V-32V (with surge protector)
<b>Accessories</b>	<b>Optional</b>
<b>2nd Battery:</b>	11.1V, 8700mAh Lithium-Ion, rechargeable
<b>Dual battery charger:</b>	Available
<b>2nd SATA HDD:</b>	Any 2.5" SATA HDD capacity, max 12.7mm height*
<b>COM 3/4:</b>	DB9 x 2 ports on left or via Military
<b>Additional Serial Ports:</b>	Serial Connector
<b>External In Vehicle Adapter</b>	MIL-STD 1275 DC-in 12V~32V

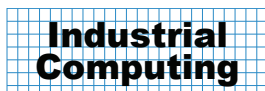
<sup>1</sup> Computer is Linux compatible

\* Contact us for more information

\*\* Specifications subject to change without notice

Standard Environmental Ratings	
<b>MIL-STD 810G Certified</b>	
<b>Shock:</b>	516.6, Procedure I
<b>Vibration:</b>	A. 514.6, Procedure I, Category 20 B. 514.6, Procedure I, Category 14 C. 514.6, Procedure I, Category 4
<b>Rain:</b>	506.5, Procedure II
<b>Humidity:</b>	507.5 Procedure II (Aggravated)
<b>Salt Fog:</b>	509.5
<b>Altitude:</b>	Method 500.5, Procedure I and II Operating: 15,000 ft (4,572m) Storage: 40,000 ft (12,192m)
<b>High/Low Temperature:</b>	Method 501.5, Procedure I and II Method 502.5, Procedure I and II Operating: -4°F to 131°F / -20°C to 55°C Storage: -40°F to 158°F / -40°C to 70°C
<b>Temperature Shock:</b>	Method 503.5, Procedure I-A Operating: -4°F to 140°F / -20°C to 60°C
<b>Explosive Atmosphere:</b>	Method 511.05
<b>Solar Radiation:</b>	Method 505.5
<b>IEC IP-65 Certified:</b>	Dust-tight; water jets

Due to our constant effort to improve products, Industrial Computing Inc. reserves the right to change or modify features and specifications without notice.



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