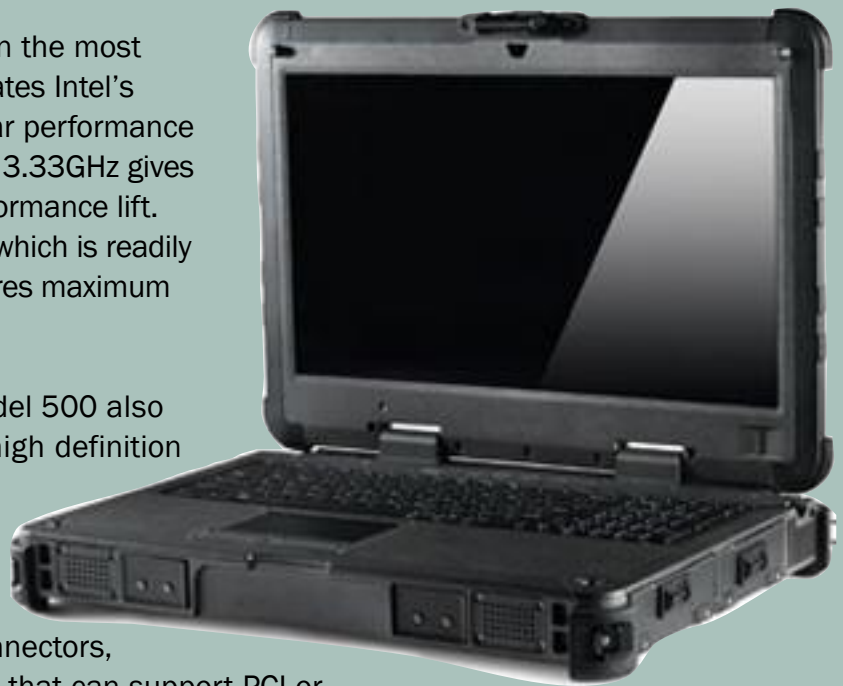


The Guardian 500 Ultra Rugged Notebook

The new Guardian Model 500 has an industry leading range of features including expandability, customization, graphics and display capabilities. The result is the Model 500 – the new flagship of the Guardian rugged line.

This new rugged laptop is designed to work in the most extreme working environments and incorporates Intel's powerful Core i7 2.66GHz processor for stellar performance and speed. Turbo Boost Technology reaching 3.33GHz gives processor-intensive applications an extra performance lift. Furthermore, the 4MB of Intel® Smart Cache, which is readily available to each of the processor cores, ensures maximum performance.

In addition to its powerful processor, the Model 500 also offers a 15.6-inch, 800 NITs QuadraClear high definition display and NVIDIA's GeForce GT G330M for outstanding multimedia performance. The Model 500 provides several options, additions and customizations to the system including a multi-touch screen, MIL-SPEC connectors, Night Vision functions and an expansion unit that can support PCI or PCIe cards for extreme customization needs.



The Model 500 is covered by a 3-year bumper-to-bumper warranty for peace-of-mind reassurance.

- 15.6" Widescreen full high-definition display
- 800 NITs QuadraClear™ LED display
- Intel® Core™ i7 2.66GHz processor
- Glove-friendly multi-touch LCD
- MIL-STD-810G and IP65 certified
- MIL-STD-461F ready
- High-Power WiFi booster option
- Night Vision Display option
- Expansion Unit (PCI or PCIe) option
- 3 year bumper-to-bumper warranty

Model 500

Ultra Rugged Notebook

SPECIFICATIONS													
Ruggedness:	Ultra rugged MIL-STD 810G and IP65 Certified MIL-STD 461F Ready* Optional UL1604 Class 1 Div. 2 (Grps A-D) Optional Night Vision MIL-STD 3009 Optional MIL-STD 810G (Method 508.6) fungus protection												
Operating System:	Genuine Windows 7 Genuine Windows® Vista® Business												
CPU:	Intel® Core i7-620M 2.66GHz Processor with Intel® Turbo Boost Technology up to 3.33GHz 4MB L3 Intel® Smart Cache Intel® Core i5-520M 2.4GHz Processor with Intel® Turbo Boost Technology up to 2.93GHz 3MB L3 Intel® Smart Cache												
Memory:	2GB DDR3 1333MHz expandable to 8GB**												
Storage:	SATA 320GB***, Optional SATA 160GB solid state drive												
VGA Controller:	Intel® Graphics Media Accelerator HDi 1024MB dynamic shared memory (max) Optional NVIDIA® GeForce® GT G330M with 1 GB VRAM												
Display:	15.6" Full HD (1920 x 1080) 800 NITs QuadraClear™ sunlight readable multi-touch LED display												
Keyboard:	Waterproof backlit membrane keyboard Optional waterproof backlit rubber keyboard												
Media Bay Options:	Super multi-DVD 2nd battery 2nd 320GB HDD or 160GB SSD												
Expansion Slots:	PCMCIA Type II x 2 ExpressCard & SmartCard												
Security:	TPM 1.2 Cable lock slot Fingerprint scanner												
Communications:	10/100/1000 base-T Ethernet WLAN 802.11 a/b/g/n (Intel® Centrino Advanced-N 6200) Bluetooth® (V2.1+EDR class 2) Optional GPS (with internal antenna)												
Power:	AC adapter (90W, 100-240V, 50/60Hz) Li-Ion smart battery (8700mAh) Optional Media bay 2nd Li-Ion battery (8700mAh)												
Dimensions & Weight:	16.1" x 11.41" x 2.56" (410 x 290 x 65 mm), 11.68 lbs (5.3 kg)†												
Temperature:	<ul style="list-style-type: none"> • Operating temp: -4°F to 140°F / -20°C to 60°C • Storage temp: -60°F to 160°F / -51°C to 71°C • Humidity: 5% to 95% RH, non-condensing 												
I/O Port:	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">DC in x 1</td> <td style="width: 50%;">USB 2.0 x 3</td> </tr> <tr> <td>USB 2.0/eSATA Combo x 1</td> <td>Docking port x 1</td> </tr> <tr> <td>Serial port (RS-232) x 2</td> <td>Network (RJ-45) x 2</td> </tr> <tr> <td>VGA x 1</td> <td>HDMI x 1</td> </tr> <tr> <td>Audio output x 1</td> <td>Microphone x 1</td> </tr> <tr> <td colspan="2">Optional RF Antenna pass-through for WWAN, WLAN and GPS</td> </tr> </table>	DC in x 1	USB 2.0 x 3	USB 2.0/eSATA Combo x 1	Docking port x 1	Serial port (RS-232) x 2	Network (RJ-45) x 2	VGA x 1	HDMI x 1	Audio output x 1	Microphone x 1	Optional RF Antenna pass-through for WWAN, WLAN and GPS	
DC in x 1	USB 2.0 x 3												
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VGA x 1	HDMI x 1												
Audio output x 1	Microphone x 1												
Optional RF Antenna pass-through for WWAN, WLAN and GPS													
Warranty:	3 Year bumper-to-bumper warranty standard												

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

* Requires MIL-STD 461F 90W AC Adapter sold separately.

** Computers configured with a 32-bit operating system can address up to 3GB of system memory. Only computers configured with a 64-bit operating system can address 4 GB or more of system memory.

*** For storage, 1GB = 1 billion bytes; actual formatted capacity less.

† Weight varies by configuration and manufacturing process.



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