

The versatile and powerful ruggedized notebook computer designed specifically for both in-plant and outdoor industrial applications. Built to handle the toughest environments, the sealed magnesium alloy chassis with NEMA 12/IP52 environmental protection stands up to adverse operating conditions. Stealth Rugged Notebook Warriors are Battle Ready for test and measurement, automotive and transportation, food industry, petro-chemical, pharmaceutical, waste management, water and gas treatment, laboratory, mining, engineering, survey, geological investigation, telecommunications, police forces and military personnel.


## Model: Rugged NoteBookWARRIOR 1000



### RUGGED, FIELD-DEPLOYABLE, EXPANDABLE NOTEBOOK PC

- Sealed Magnesium Alloy Die-cast enclosure
- MIL-STD-810F - Shock & Vibration
- PROCESSOR: Intel Core 2 Duo CPU, 1.5GHz, 667MHZ FSB, 2MB 2nd Level Cache
- 14.1" Sunlight Readable LCD TFT Displays
- Shock Resistant Removable Hard Drive
- Sealed, Shower-proof and dust-proof rubber Keyboard
- USB, IEEE 1394 Firewire Ports
- Onboard Sound with Dual Speakers
- Optional Fax/Modem, LAN, Backlit Keyboard
- Multiple BAY-2 Options
- Wireless Options
- **Optional Expansion Chassis** (PCI and PCIe Expansion Slots)



Specifications	
<b>CPU</b>	<ul style="list-style-type: none"> <li>• <b>Intel Core 2 Duo CPU, 1.5GHz, 667MHZ FSB</b></li> <li>• 2MB 2nd Level Cache</li> <li>• Northbridge: Intel 945GM; Southbridge: ICH7-M</li> </ul> 
<b>Memory</b>	<ul style="list-style-type: none"> <li>• SO-DIMM x 2; 2GB DDR2 (standard)</li> <li>• Max. : 4GB</li> </ul>

<b>VGA Controller</b>	<ul style="list-style-type: none"> <li>• Intel GMA950</li> </ul>
<b>Video Memory</b>	<ul style="list-style-type: none"> <li>• Shared system memory 128MB</li> </ul>
<b>System BIOS</b>	<ul style="list-style-type: none"> <li>• 512KB Flash EEPROM</li> <li>• ACPI 2.0 capability</li> <li>• PC2001 compliance</li> </ul>
<b>Bay 1 Modules &amp; Functions</b>	<ul style="list-style-type: none"> <li>• Swappable for DVD-RW, 2nd Battery, Removable 160GB</li> <li>• Integrated with Type IIIx 1 or Type II x 2 PCMCIA Card Slot</li> <li>• ExCA / ZV / CardBus compatible</li> <li>• Integrated IEEE 1394 Firewire Port</li> <li>• Integrated 16 Bit PCI Audio</li> </ul>
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>• <b>14.1" Display:</b> 13.08" x 10.99"x 3.37" (332.2 x 279 x 85.4 mm)</li> </ul>
<b>Weight</b>	<ul style="list-style-type: none"> <li>• <b>14.1" Display:</b> 13.0 lbs. (5.9 kg)</li> </ul>
<b>Hard Drive</b>	<ul style="list-style-type: none"> <li>• Inter-changeable module, Supports SATA</li> <li>• 2.5" 9.5mm height</li> <li>• Shock mounted</li> </ul>
<b>Display</b>	<ul style="list-style-type: none"> <li>• 14.1" Sunlight Readable TFT, XGA LCD resolution: 1024x768 (XGA)</li> <li>• Display Options: <ul style="list-style-type: none"> <li>○ Touch Screen</li> </ul> </li> </ul>
<b>Keyboard</b>	<ul style="list-style-type: none"> <li>• Shower-proof and dust-proof rubber Keyboard</li> <li>• Optional LED Back-Light Rubber Keyboard</li> <li>• Foreign languages available</li> </ul>
<b>Pointing Device</b>	<ul style="list-style-type: none"> <li>• A touch-sensitive control pad with Microsoft Win Mouse function coexist</li> <li>• Optional Glove Used Touch Pad.</li> </ul>
<b>PCMCIA/CardBus</b>	<ul style="list-style-type: none"> <li>• Bay 1 Type III x 1 or Type II x 2</li> <li>• ExCA compatible - ZV/CardBus support</li> </ul>
<b>Communications</b>	<ul style="list-style-type: none"> <li>• 10/100/1000Base-T Gigabit Ethernet</li> <li>• 56KB ITU V.92 modem</li> <li>• Intel PRO/Wireless 3945 a/b/g (optional)</li> <li>• Bluetooth (optional)</li> </ul>
<b>I/O Port</b>	<ul style="list-style-type: none"> <li>• Serial port x 1</li> <li>• Parallel port (EPP/ECP)x 1</li> <li>• RJ-11 x 1</li> <li>• RJ45 x 1</li> <li>• VGA monitor port x 1</li> <li>• USB 2.0 x 2</li> <li>• DC input x1</li> <li>• IrDA ports 1(4Mbps and 115Kbps)</li> <li>• Port Replicator port x 1</li> <li>• IEEE 1394 Port x 1 ( Integrated in Bay1 )</li> <li>• External Audio Jacks for Mic-In and Line-Out Ports</li> <li>• Optional: 802.11b/g wireless LAN</li> </ul>

<b>Battery</b>	<ul style="list-style-type: none"> <li>• Primary Li-Ion smart battery (9600mAh); min. 4 hr. battery life*</li> <li>• Bay1 Li-Ion Smart Battery (4800mAh); min. 2 hr. battery life*</li> <li>• Bay2 Li-Ion Smart Battery (4800mAh); min. 2 hr. battery life*</li> </ul> <p>*Depending on final configuration</p>
<b>AC adapter</b>	<ul style="list-style-type: none"> <li>• Universal AC adapter</li> <li>• Input: 100-240v, 50/60Hz AC-90Watts</li> </ul>
<b>Software</b>	<ul style="list-style-type: none"> <li>• Supports Windows XP Professional</li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>• 2 Year Limited* Warranty *1 Year Warranty on Primary and Secondary Battery Packs</li> </ul>
<b>Environmental Specifications</b>	
<b>Temperature</b>	<ul style="list-style-type: none"> <li>• IEC 68-2-1,2,14 / MIL-STD-810F, Method 501.4, 502.4</li> <li>• Operating: 0°C to 55° C</li> <li>• -20°C to 55° C (Optional)</li> <li>• Non-operating: -40°C to 70° C</li> </ul>
<b>Humidity</b>	<ul style="list-style-type: none"> <li>• According to IEC 68-2-30 / MIL-STD-810F, Method 507</li> <li>• 45% to 95% RH, non-condensing</li> </ul>
<b>Altitude</b>	<ul style="list-style-type: none"> <li>• According to IEC 68-2-13 / MIL-STD-810F, Method 500.4</li> <li>• Operating: 15,000 ft</li> <li>• Non-operating: 40,000 ft</li> <li>• Altitude change rate: 2,000 ft/min</li> </ul>
<b>Shock</b>	<ul style="list-style-type: none"> <li>• According to IEC 68-2-27 / MIL-STD-810F, Method 516.5</li> <li>• Operating: 15g, 11 ms, half sine wave</li> <li>• Non-operating: 50g, 11 ms, half sine wave</li> </ul>
<b>Vibration</b>	<ul style="list-style-type: none"> <li>• According to IEC 68-2-6 / MIL-STD-810F, Method 516.5</li> <li>• Operating: 10~55Hz/0.075mm, 55~500Hz/1.0g</li> <li>• Non-operating: 10~55Hz/0.15mm, 55~500Hz/2.0g</li> <li>• Random: According to MIL-STD-810F, 514.5</li> <li>• High way truck vibration exposure (Operation)</li> </ul>
<b>Drop Test</b>	<ul style="list-style-type: none"> <li>• According to IEC 68-2-32 / MIL-STD-810F, Method 516.5</li> <li>• 3 feet height free drop still survive</li> </ul>
<b>Enclosure</b>	<ul style="list-style-type: none"> <li>• According to IEC 529, NWMA, MIL-STD-810F, Method 506.4, 510.4, IP 54 compliance</li> </ul>
<b>Certifications</b>	<ul style="list-style-type: none"> <li>• FCC, UL, CUL, DGT, CE, CB, CCC, WHQL, BSMI, e-Mark</li> <li>• Option: MIL-STD-461E</li> </ul>
<b>Bay 2 Modules (optional)</b>	
	<ul style="list-style-type: none"> <li>• 2nd PCMCIA - Removable Type III x 1 or Type II x 2 Module, ExCA / ZV / CardBus compatible</li> <li>• COM Port Module - Removable Sealed Water Proof RS-232 x 2 Module</li> <li>• GPS (with mouse type antenna)</li> </ul>

- Bluetooth (v2.0 class 2)
- Bay 2 Battery Pack - Removable and Rechargeable Li-Ion Battery Pack

### Accessories (optional)

- AC cable, AC adapter (1 included with unit)
- Spare Main Battery with Door
- PCI Expansion Kit (x2 slots; 3/4-length)
- PCI-Express Expansion Kit (x2 slots; 3/4-length)
- Vehicle Mount c/w 12-32VDC Car Charger/Adapter
- Vehicle Dock/Port Replicator & Car Charger/Adapter
- Battery Charger with Build In AC/DC (optional)
- 12-32VDC Car Adapter / Charger
- Deluxe Soft Carry Bag (not compatible with Expansion Kit)

### Photos



Notebook Warrior 1000 - Standard



Notebook Warrior 1000 with Expansion Slot Kit



Notebook Warrior 1000 with Expansion Slot Kit



Notebook Warrior 1000 with Expansion Slot Kit



Notebook Warrior 1000 with Expansion Slot Kit

*NOTE: Specifications subject to change without notice.*