



Rugged Configurable Notebook with i7 Intel® processor

## Features

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Fanless Design  
Supports USB 3  
2 x 10/100/1000 Mbps Ethernet, up to 4 x RS232/422/485 Serial Ports  
Sunlight readable 13.3" TFT  
Magnesium alloy shell with reinforced rubber edge covering  
MIL-STD-461F. MIL-STD-810G. IP65

# EXP-003

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## Rugged Notebook Computers

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**expando**

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## Specifications

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- Processor: onboard 2<sup>nd</sup> Gen Intel® i7-2610UE Core™ 32nm 64 bit embedded processor, Max 2.4GHz with Intel® Turbo Boost Technology
- Smart Cache: 4MB
- Memory 2GB expandable to 10GB with 204 pion SO-DIMM DDR3 1333MHz.
- LCD : 13.3" WXGA, 1200 x 800 Sunlight Readable with tempered Glass and optional touch screen.
- External Display: VGA (15 pin Dsub), HDMI
- Storage: 500G SSD standard



Internal WiFi card can be replaced with user required Mini-PCle card with optical Drive bay configured for external connections

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### Rugged Features

MIL-STD-461,  
MIL-STD-810  
IP65



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## Specifications (cont.)

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- Multimedia Bay: Optical Drive (DVD), Second SSD, Second Battery, 3<sup>rd</sup> and 4<sup>th</sup> Serial ports, PCIe x 1 Bus
- Keyboard: Silicon or Plastic Keyboard
- Touch Pad, Capacitive or Resistive
- I/O Interface: Includes as standard; 2 x RS232/422/485, 2 x USB3, USB2/eSATA, Audio
- Ethernet: 2 x 10/100/1000Mbps
- Optional WiFi, Bluetooth
- Express Card Socket
- Primary Battery: 6600mAh (optional 7800mAh) battery Pack, Hot Swappable.
- Optional Second Battery pack 3700mAh (Optical Drive Bay)
- DC input Connector: Ruggedised 4 pin Connector
- External AC Power Supply

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## Mechanical

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*Full Magnesium Alloy Case  
328mm x 272mm x 46mm  
3.5kg – 3.8kg (Exclude battery)*

- **Rugged Features** -

MIL-STD-461F  
MIL-STD-810G  
-20°C – 55°C operational  
-40°C – 70°C Storage  
5% 95% Humidity  
20-2000Hz 7.7G non-operating  
20-2000Hz 1.9G operating  
Transit Drop: 120cm  
Operating Altitude : 5000M  
IP65  
Optional Conformal Coating

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## Where to buy:

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**Expando Electronics AB**  
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