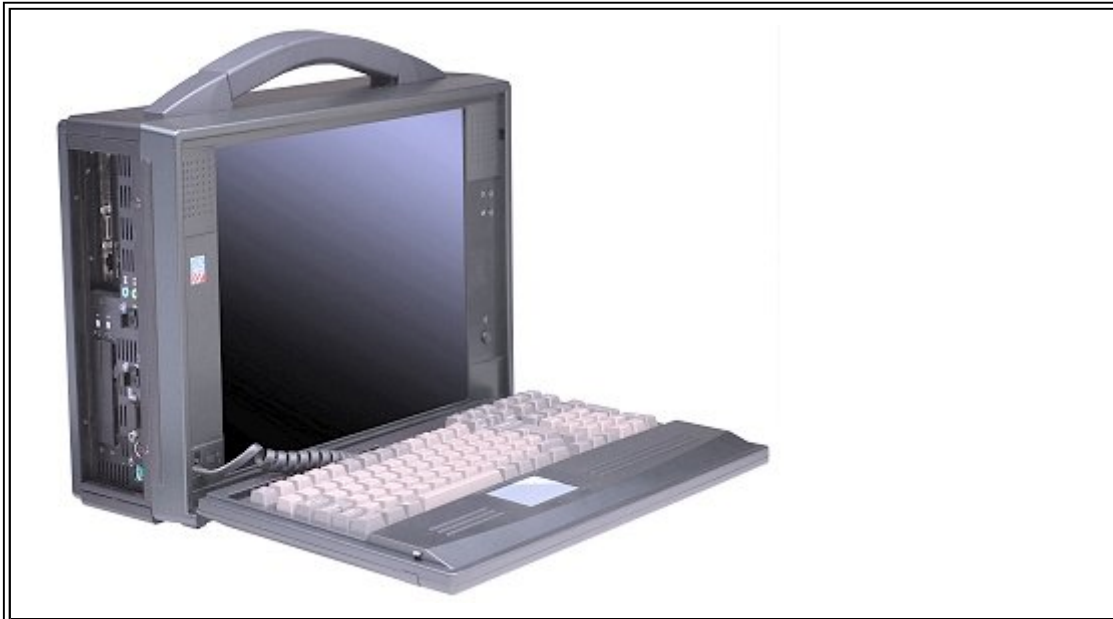


# Technical data sheet for the rugged compact Pro100 and Pro200



- Pro100: **Two** full length card slots (PCI + PCIe)
- Pro200: **Three** full length three PCI- Express or (PCI/PCI-X) card slots
- Light slim case design for ease of portability with simple card bay access
- High brightness anti-reflection 15" TFT LCD display
- Separate cooling for installed cards
- Option for two side inserted hot swap DC power cells (Pro 100+ and 200+)

A "go-anywhere" slim, compact, yet powerful design, with room for full length PCI and PCI-Express cards, such as those from our *Spectrum M2i* range. In a nutshell this PC gives all the advantages of a rugged PC but with a physical size that makes it very easy transport, so making it perfect for vehicle, aerospace, geophysical and industrial applications. Operates on AC mains, with the special Pro100+ and 200+ versions providing "go-anywhere" DC use too! Separate cooling for the cards and extra good physical support for the PCB's ensures reliable operation with just four screws giving easy access to the card bay through the top lid. This system comes with a 15" high brightness anti-reflection TFT screen, stowable keyboard, slim DVD-RW, 250Gbyte HDD (with space for two further externally accessible SATA drives). Comes with handy carry bag and pull along bag with wheels.

## **Motherboard**

Mini ATX motherboard

## **Processor**

Intel Core Duo T7400 2.16GHz (dual core)

## **Memory**

2GByte DDR2 667Mhz (4GB max)

## **Slots**

*Pro100*: Two full-size 1 \* PCI and 1 \* PCI Express (x1 lane)

|                             |                                                                                                                                                                                                                                          |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                             | <i>Pro200</i> : Three full-size PCI/PCI-X or PCI Express (x8 lane) slots                                                                                                                                                                 |
| <b>Drive Bay</b>            | 1 x 2.5" IDE 120GByte,<br>2 x 2.5" removable trays for optional SATA HDD<br>(Other HDD configurations available)<br>1 x slim IDE DVD-RW                                                                                                  |
| <b>Colour</b>               | Flash Grey                                                                                                                                                                                                                               |
| <b>Display</b>              | 15" Fixed, 4:3 ratio, 180 nits brightness.                                                                                                                                                                                               |
| <b>Resolution</b>           | 1024 x 768 XGA                                                                                                                                                                                                                           |
| <b>Graphics</b>             | Intel 945GM integrated VGA<br>Memory: shared 224MB Max                                                                                                                                                                                   |
| <b>Keyboard/Mouse</b>       | Click action, full size, 108 keys, multi-language.<br>Integrated Touchpad                                                                                                                                                                |
| <b>Integrated interface</b> | USB: 4x external USB 2.0 ports<br>LAN 1x10/100, 1X10/100/1000<br>Firewire: 2x TI TSB43LV22 IEEE134a<br>SATA: 2x ports<br>Serial: 2x RS-232 ports (1x RS-232 on Pro100+)<br>VGA: 1x D-sub 15 port, 1x S/PDIF, 1x S-Video + RCA<br>2 x PS2 |
| <b>Case size WxHxD</b>      | 415 x 289 x 162mm (11.375" x 16.375" x 6.375")                                                                                                                                                                                           |
| <b>Power supply</b>         | 200W Auto switch 110/240VAC                                                                                                                                                                                                              |
| <b>DC power option</b>      | Two Side inserted hot swap battery cells<br>160W 18V 5.56A internal power converter<br>Digital battery monitor<br>External 110-240VAC to DC PSU for charging and AC operation                                                            |
| <b>SKD weight</b>           | 8 Kgs (17.64 lbs), approx. 9 Kg with DC option, add 1Kg for Pro200 model.                                                                                                                                                                |



|                         |                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------|
| <b>Audio</b>            | Built in amplified speaker                                                                       |
| <b>Carry case</b>       | Padded carry bag plus a padded case with wheels and handle                                       |
| <b>Cooling fans</b>     | Separate fans for card bay and main PC bay                                                       |
| <b>Main Case</b>        | External chassis - flame retardant ABS plastic<br>Internal chassis - gold colour aluminium alloy |
| <b>Operating System</b> | Choice of: Windows 7, Linux, or no installed operating system                                    |

### **Mechanical and Environmental**

|                              |                           |
|------------------------------|---------------------------|
| <b>Operating Temperature</b> | 0-50 °C                   |
| <b>Relative Humidity</b>     | 20 - 80% (non-condensing) |
| <b>Operating Shock</b>       | 15g all axes              |
| <b>Operating Vibration</b>   | 1 - 100Hz 1.25g all axes  |
| <b>Approval</b>              | CE, FCC Class B, CCC, UL. |

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