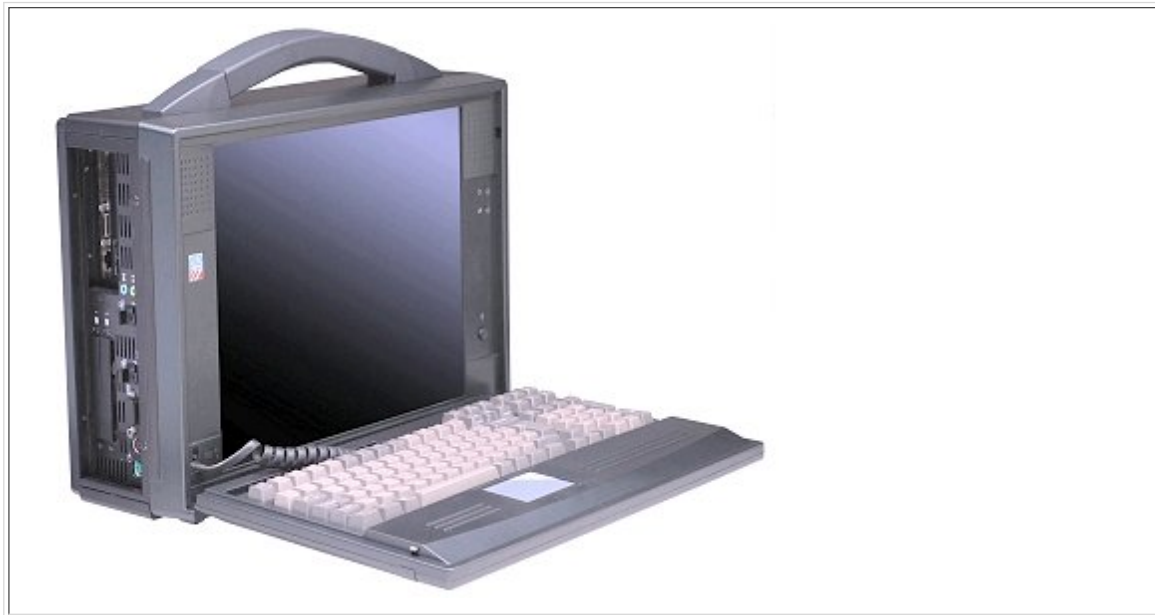


# Technical data sheet for the rugged compact Pro100 and Pro200



- Pro100: **Two** full length card slots (PCI + PCIe) with simple access.
- Pro200: **Three** full length PCI card slots with simple access.
- Light slim case design for ease of portability
- 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, 120Gbyte HDD (with space for two further externally accessible SATA drives). Comes with handy carry bag and pull along bag with wheels.

<b>Motherboard</b>	Mini ATX motherboard
<b>Processor</b>	Intel Core Duo T7200 2.16GHz (dual core)
<b>Memory</b>	2GByte DDR2 667Mhz (4GB max)
<b>Slots</b>	<i>Pro100</i> : Two full-size 1 * PCI and 1 * PCI Express (x1 lane)  <i>Pro200</i> : Three full-size PCI or PCI Express (x8 lane) slots

<b>Drive Bay</b>	1 x 2.5" IDE 120GByte, 2 x 2.5" removable trays for optional SATA HDD (Other HDD configurations available) 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 Memory: shared 224MB Max
<b>Keyboard/Mouse</b>	Click action, full size, 108 keys, multi- language. Integrated Touchpad
<b>Integrated interface</b>	USB: 4x external USB 2.0 ports LAN 1x10/100, 1X10/100/1000 Firewire: 2x TI TSB43LV22 IEEE134a SATA: 2x ports Serial: 2x RS-232 ports VGA: 1x D-sub 15 port, 1x S/PDIF, 1x S-Video + RCA 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 160W 18V 5.56A internal power converter Digital battery monitor 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
<b>Audio</b>	Built in amplified speaker
<b>Carry case</b>	Padded hand 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 Internal chassis - gold colour aluminium alloy
<b>Operating System</b>	Choice of: Windows XP or Vista, 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.