



### Key Benefits

- Highly cost effective, rugged and compact luggable PC for field based applications
- Instrumentation bay for custom DIN rail or 3U Panel Instrumentation or connectors
- 1 or 3 full length PCI card slots
- Modular service hatch compartments for access to PC connectors
- Selection of open/closed storage bays for easy storage of accessories
- Options of mains or DC powered for vehicle based applications
- Options of UPS/Battery power
- Integral high brightness 15" TFT display
- Integral sealed membrane keyboard with mouse pad or optional tracker ball
- Rugged industrial grade construction
- Integral high brightness 15" TFT display
- Powerful complete PC functionality compatible with industry standard O/S
- IP67 sealed case (when Closed)
- Highly compact & versatile
- Suitable for airline cabin luggage

### Introduction

The new THORpac Luggable PC combines all the features of a powerful mobile PC in a high quality, ruggedised portable system with unparalleled modular expansion capability for instrumentation or specialist electronics. The internal card bay can accommodate 1 or 3 full length PCI cards allowing a wide range of functions to be performed including engineering, scientific, vision, security or broadcasting among many others.

Designed by engineers for engineers, the THORpac differentiates itself by providing a highly versatile Instrumentation Bay. Based on standard 3U panels this can accommodate any existing 3U based panel instrumentation or you can custom fit connectors, buttons or whatever your application calls for. An alternative bay is also available for DIN rail mounting instrumentation. To crown it all off, the THORpac has various storage bays, open with retaining velcro straps, or closed by thumb screwed removable plate, to store all those items one invariably needs in the field.

### Features

- **Case:** Made of ultra high impact structural copolymer that makes it extremely strong and durable. Its exclusive neoprene O-ring and ABS latches seal perfectly and includes an automatic purge valve for quick equalisation after changes in atmospheric pressure. The THORpac case offers total protection for the internal equipment and its Watertight, airtight, dustproof, chemical resistant and corrosion proof. The case is NATO codified and tested to MIL C-4150J (Military Standard), IP-67 (Ingress Protection) and ATA (Air Transportation Association)
- **Instrumentation Bay:** 3U standard modular panels or DIN rail mounting assembly
- **Cabling & Storage Bays:** 1 Open bay with velcro straps, 2 closed bays via thumb screwed removable plates
- **Expansion Slots:** 1 or 3 full length PCI cards

- **CPU:** Standard PC Pentium III compatible VIA 600MHz-800MHz or optional Pentium IV CPU up to 2GHz
- **Memory:** 128MB standard (expandable to 1GB Max) RAM
- **Display:** High brightness 15" LCD display (1024\*768 resolution) protected behind a tough 3mm polycarbonate window
- **Display User Controls:** Adjustments for brightness, contrast, and power management
- **Hard Disk:** One 2.5" hard disk drive (20GB standard - options for larger) with anti-vibration shock mounts
- **Video Output:** AGP VGA graphics (Optional S-Video & TV Out)
- **Keyboard:** 86 Key sealed membrane keyboard
- **Mouse:** Touchpad mouse as standard - Optional trackerball
- **Audio:** On-board (Soundblaster compatible)
- **Ports:** 2 USB, 1 EPP/ECP Parallel, 1 Serial RS 232
- **LAN:** 10/100 Base-T autosensing ethernet port (RJ45 connector)
- **Power:** 110/240Vac (Auto Switch), 50-60Hz. Optional DC power supply for vehicle applications
- **Battery/UPS:** Optional or user installable via service hatch
- **Operating System:** Choice of Windows 2000/XP or Linux

**Customisation Options** We are able to offer flexible options for customisation/OEM branding of the THORpac series, all to suit the requirements of your specific application. Please contact our sales offices for details.

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