

Rugged High Definition Portable Platform

ATX Rugged Aluminum extrusion chassis, 20" TFT LCD 1600x1200, DVI Connector, 2x 5.25", 2x3.5", 4x 3.5" removable open drive bays, 500W power supply, K/B & Mouse, 7 slots

(Model: BPC2000BB)



Introduction:

The BPC2000BB supports of ATX and Extended ATX motherboards means dual processor solutions for your mobile computing needs. The BPC2000BB series portable platform provides a totally integrated solution for mobile computing applications requiring industrial ruggedness, robustness and system configurations found in desktop workstations. The chassis supports Micro-ATX, ATX, and Extended ATX form factor motherboards. This means the latest motherboard designed for desktop PC, workstation, or server are available to you to customize it with your processor and peripheral options.

A total of eight drive bays, including four drive bays with removable hard drive carriers The BPC2000BB portable platform has four drive bays with removable hard disk drive carriers that support SATA or SCSI hard disk drives. Use the motherboard-integrated RAID controller, or add a RAID card, you can setup a RAID configuration for greater fault-tolerance and data throughput.

The BPC2000BB is a self-contained, rugged, transportable computer. It packs PC workstation power in a lunchbox style chassis. It features a 20 inch high resolution 1600x1200 LCD display, keyboard, four removable SATA drive bays, and room for an extended ATX motherboard that supports the latest six-core and dual-core processors. The transportable PC workstation provides a totally integrated and cost-effective system for telecom field service and test applications.

Features:

- Custom Built and Expandable Portable Enclosure Platform
- Aluminum Alloy Construction
- Supporting ATX and Extended ATX System Boards
- Supports Single and Dual CPU Configurations
- Integrated 20" Active Matrix Flat Panel Display with 1600x1200 Resolution
- Four Removable Drive Bays Supporting SATA or SAS Hard Disks
- Two 5.25" Drive Bay for Optical Disc Drive and Mobile Hard Drive Rack
- Two Shock-Mounted 3.5" Drive Bays for Hard Drive and Floppy Drive

Specification:

Chassis Construction

Lunchbox style chassis constructed of aluminum alloy.
Integrated flat panel display and fold-out keyboard.
Rubber corner bumpers.
Tilt-up feet under chassis.
Built-in speakers.

Integrated Display

20.1" TFT LCD, 1600 x 1200 optimum resolution,
Contrast Ratio: 700:1
Brightness (cd/m²): 250
Response Time (ms): 15ms (Ton), 10ms (Toff)
View Angles (U/D/L/R degrees): 85/85/85/85

Keyboard

Detachable keyboard with positive tactile feedback keyswitches. Integrated touchpad device.

Cooling

2x 10 cm fans.

Dimensions

20.0" (W) x 15.25" (H) x 9.25" (D).

Weight

System: 45 lbs.
Shipping weight: approximately 70 lbs (actual weight depends on system configuration).

Electrical and Power

Input

AC 100 ~ 240 V @ 50 ~ 60 Hz, full range (PFC)

Output

450 watt standard, 580 and 620 watt power supply upgrades

Environmental and Safety

Temperature

Operating 0~45 °C (32~113 °F); non-operating -20~80 °C (-4~176 °F)

Humidity

Operating 20~90% @ 40°C, non-condensing; non-operating 10~95% @ 40°C, non-condensing

