

Option StrongBox Power of 2 Rugged Workstation

The StrongBox Power of 2 delivers the revolutionary and powerful Intel 64-bit Core 2 Duo processors. With two independent processor cores in one physical package, it can run multiple applications in parallel without slowing the system. The Power of 2 also supports 2 hot-swappable hard drives with OIC Drive Protection Technology to reduce shock and vibration on up to 600GB (300GB x 2) of precious data information and 2 full-length PCI expansion slot for data and testing peripheral cards. The Power of 2 portable comes with a 2 year warranty to give any user an exceptional computing experience.



Elegant and Functional

The portables in this series feature a cool-looking, all aluminum finish with pattern. The StrongBox Power of 2 also features a full-size keyboard with separate numeric keypad; you control the volume and brightness by using the secondary LCD across the keyboard.

Wide Array of Ports and Connections

The StrongBox Power of 2 Portable connects to your peripherals, including a monitor if you want a desktop experience. You get an integrated 10/100/1000 Gigabit Ethernet (RJ-45 connector), six USB 2.0 and an IEEE 1394 FireWire. You also get Intel Pro/Wireless 3945ABG WLAN with Bluetooth.

Key Features

- Built to Impress
- Extreme Power
- Balanced Mobility
- Ultra Durable
- Desktop Performance
- Ultra Light
- Ultra Mobile
- Starting at 14 lbs
- Feature Packed Widescreen
- High Performance Computing
- Style and Durability
- Dual Removable Hard Drive
- Dual Full-Length PCI Slot
- Intel Core 2 Duo Processor
- Full-Size Keyboard with Numeric Keypad
- Spacious 17" Large Wide-Screen Display

StrongBox Power of 2 Rugged Workstation



Rugged Systems is one of Europe's leading suppliers of rugged, mobile computer, display and communications solutions and services. Specialising in applications such as test & measurement, command and control, data acquisition, secure data & computing, TEMPEST and ultra-reliable message transfer over noisy tactical communication channels. The company strives to be innovative and provide cost effective solutions, through many years of knowledge and experience

Power of 2 Specifications



FUNCTIONAL

Processor

Intel® Core™ 2 Duo Technology

Choice of processors:

Intel® Core™ 2 Duo E4300 (2M L2 cache 1.80GHz 800MHz 65nm)

Intel® Core™ 2 Duo E4400 (2M L2 cache 2.00GHz 800MHz 65nm)

Intel® Core™ 2 Duo E6300 (2M L2 cache 1.86GHz 1066MHz 65nm)

Intel® Core™ 2 Duo E6320 (4M L2 cache 1.86GHz 1066MHz 65nm)

Intel® Core™ 2 Duo E6400 (2M L2 cache 2.13GHz 1066MHz 65nm)

Intel® Core™ 2 Duo E6420 (4M L2 cache 2.13GHz 1066MHz 65nm)

Intel® Core™ 2 Duo E6600 (4M L2 cache 2.40GHz 1066MHz 65nm)

Intel® Core™ 2 Duo E6700 (4M L2 cache 2.66GHz 1066MHz 65nm)

Intel® Q965 Express Chipset

Chipset

Memory

Configured with 512MB PC5300 DDR2 SDRAM, 512MB (Min)/4096MB (Max), with 256MB, 512MB, 1024MB or 2048MB PC5300 DDR2 memory modules

Storage

Choice of Slim Removable Hard Disk Drive

80GB, 100GB, 120GB or 160GB (5400 RPM) Serial-ATA (SATA) hard disk drive ; 9.5mm height

80GB, 100GB, 120GB or 160GB (7200RPM) Serial-ATA (SATA) hard disk drive ; 9.5mm height

200GB, 250GB or 300GB (4200RPM) Serial-ATA (SATA) hard disk drive; 12.5mm height

Optical Disk

Choice of Slim Optical Disk Drive

CD-RW/DVD-ROM; Maximum speed and compatibility: CD-ROM (24x), CD-R (24x), CD-RW (24x), DVD-ROM (8x)

DVD SuperMulti (+/-R double layer) drive; Maximum speed and compatibility: CD-ROM (24x: read), CD-R (24x:write), CD-RW (24x:write), DVD-ROM (8x:read), DVD-R (Single Layer, 8x:write), DVD-R (Double Layer, 4x: write), DVD-RW (6x:write), DVD+R (Single Layer, 8x:write), DVD+R (Double Layer, 2.4x:write), DVD+RW (8x:write)

Display

Choice of Display

15" diagonal Wide View Angle TFT active-matrix LCD display at 1024x768 native resolution (XGA)

15" diagonal Wide View Angle TFT active-matrix LCD display at 1600x1200 native resolution (UXGA)

17" diagonal Wide View Angle TFT active-matrix LCD display at 1440x900 native resolution (WXGA+)

Graphics

ATI Radeon X1050 GPU - 325MHz, 512MB HyperMemory with 128MB-64bit DDR memory - 400MHz

Audio

Built-in stereo speakers, Sound Volume Control

I/O Ports

1 x RGB (monitor) output port

1 x Microphone input port

1 x Audio line input port

1 x Audio line output port

1 x IEEE-1394a

6 x USB v2.0

1 x RJ-45 LAN port

Keyboard; 104 key US keyboard, Windows Key Function

GlidePoint® TouchPad pointing device

2 PCI conventional bus connectors

Expansion

Integrated Communications

Intel® PRO/1000 Network Connection - 10/100/1000 Base-TX Ethernet

Optional Intel® PRO/Wireless Network Connection 3945AB (802.11a/b/g)

Optional Bluetooth® version 2.0 plus Enhanced Data Rate (EDR)

Genuine Windows® XP Professional

Windows Vista™ Business

Operating System

ENVIRONMENTAL

Temperature

Operating: +0°C to +50°C (+32°F to +122°F)

Storage: -20°C to +65°C (-4°F to +149°F)

Thermal Gradient

Operating: 15°C per hour (max)

Storage: 20°C per hour (max)

Humidity

Operating: 5% to 95% without condensation

Storage: 5% to 95% without condensation

Altitude

Operating: -60 to 3,000 meters

Storage: -60 to 10,000 meters

Shock

Operating: 18G (11 ms, ½ sine wave)

Storage: 200G (2 ms, ½ sine wave)

Vibration

Operating:

10 to 20 Hz: 0.02"

20 to 500 Hz:

1.5G peak acceleration

Storage:

1.0G, 100 to 500

Hz: 4G peak acceleration

PHYSICAL

Dimensions

16.3" (414.0mm) x 6" (152.4mm) x 12.8" (325.1mm)

Weight

Starting at 14 lbs (6.8kg) depending upon configuration

ELECTRICAL

AC Input

350W Auto sensing AC, 100-240V / 50-60Hz frequency (Universal) input.

Information in this document is subject to change without notice.



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