STEALTH·COM
a ◆ sparton company

LPC-460PCIe Small Form Factor PC with open PCIe x1 expansion slot
Featuring Intel's Powerful Core 2 Duo Technology

Unbelievable! ... a PCIe x1 card expansion slot in a powerful small computer
Stealth's Little PC serves up Power, Performance and the ability to install your own PCIe x1 expansion card right into a mini PC. The LPC-460PCIe delivers the ultimate in small form factor performance utilizing Intel's impressive Core 2 Duo CPU technology. Ideal applications would be for data acquisition, specialized graphics cards and expanded I/O cards

Stealth Computer is recognized world-wide as a leading supplier of small form factor computers. For unsurpassed performance and reliability contact Stealth Computer today to discuss your application requirements.

Model: LPC-460PCIe - Powerful Mini PC with PCIe 1x slot expansion

Features:

- **Powerful Intel Core 2 Duo Processors**
- **PCIe Slot - Supports one PCIe 1x card**
- Small Size for Easy Deployment
- 12 VDC Operation, ideal for mobile/field
- Intel Graphics Media Accelerator 4500MHD
- 3D Graphics with 16x9 Capability
- Built-in Gigabit LAN, USB 2.0, 1394a Firewire, Audio, Serial, Video
- Low Profile Rugged Aluminum Chassis
- Slim Slot Loading Optical Drives
- Solid State Hard Drives (SSD) optional
- Windows 7 & XP Pro Compatible, *other O/S Options Available*
- PCI Slot version also available

CE FC

- **Dimensions:**
  5.8" (W) x 10.0" (D) x 2.8" (H)
  (14.7 x 25.0 x 7.1 cm)

(click on images for larger pictures)

LPC-460PCIe Specifications

- **Processor**
  - Supports Intel's Dual Core Processors using Core 2 Duo Technology. Offered with Intel's P8400 2.26Ghz (Standard) or T9400 2.53Ghz upgrade.

- **Chipset**
  - Intel's GM45 Chipset with Intel's ICH9M
  - Integrated IEEE 1394a LSI L-FW3227-100 6-Pin Firewire chipset (supports 400Mb transfer rates)
  - Winbond W83627EHG

- **BIOS**
  Award PnP Flash BIOS

- **Memory**
  - 2 DDR2 SO-Dimm memory slots providing options from 4GB (Standard offering) to 8GB's (MAX) of RAM

- **Internal Storage**
  - Offered with 500GB Serial ATA (SATA) with options of up to 1TB
  - Optional Solid State Disk Drive (SSD) Serial ATA

- **PCIe Slot**
  - 1 x PCIe x1 Version 1.1 Compliant card up to 8.5"

- **Optical Drives**
  - Slim Slot Loading DVD-RW / CD-RW (Serial-ATA)
  - Optional DVD-RW / Blu-Ray* Burner Serial ATA (SATA)
  NOTE: Blu-Ray playback is not supported on Windows XP without optional supported Video Card

- **Video** (Video Resolutions Supported)
  - Onboard Intel Graphics Media Accelerator 4500MHD
  - Shared 128MB Video Memory with DVMT
  - Includes VGA / HD-15 port and DVI-D (digital Only)
  - Dual Display supported (clone or extended desktop)

- **Ethernet Port**
  - Integrated 10/100/1000 Base-T Intel Pro 1000 PL (82573L)
  Gigabit Ethernet controller, RJ45 connection

- **Audio**
  - Integrated Realtek High Definition Audio CODEC ALC888

- **Operating Systems**
  - Supports Windows XP (32-Bit and 64-Bit*),
  Windows Vista (32-Bit and 64-Bit*), Windows 7 (32-Bit and 64-Bit*),
  Windows 8 (32-Bit and 64-Bit*), Server 2008 (32-Bit and 64-Bit*),
  Ubuntu LINUX and more
  - Optional: QNX & embedded.
  - *Contact us for your specific operating system requirement to discuss compatibility*

  *Note: 64-Bit Support is dependant on using a 64-Bit Supported CPU

- **Power Management**
  - ACPI 1.0b compliant and Operating System direct power management
  - Wake-on event (Real Time Clock / RTC, USB Keyboard, LAN / Network, Keyboard, Mouse)

- **Hardware Monitor**

- **Power Input**
  - Rear 12VDC power Jack ideal for mobile applications
  - Input is 12VDC +/-5% @ 7A (84W)
  - Includes External AC Adapter, Input 100~240V AC @ 1.5A 50-60Hz

- **Power Consumption**
  Power off state: (1.22W)*
  Initial Start-up / Power Up Peek: (45W)*
  Windows Idle: (16W)*
  Full Load: (39W)*
  Based on P8400 CPU, 160GB HDD and 4GB RAM under Windows XP

- **Included with System**
  - 100-240V AC Adapter
  - North American Power Cord
  - 4 Rubber Feet
  - DVD Playback Software
  (Cyberlink*, Included only when Windows 7 not purchased)
  - CD Burning Software *(Nero*, subject to change)*

  *NOTE: Subject to change without notice

- **Options**
  - Solid State Drives (SSD) SATA
  - Wall Mount Bracket
  - Remote power option Ideal for OEM or Cabinet manufacturers

- **Rear Panel** (Click here for layout)
  - 2 x RS232 COM port
  - 2 PS/2 ports for Keyboard & Mouse
  - Gigabit RJ45 Network connection
  - Audio Line-Out Jack
  - 2 x USB 2.0 Ports
  - Analog VGA / HD-15 and DVI-D (Digital only) Output (Supports Dual Display)
  - 12VDC Power Input Jack
  - PCIe x1 1.1 Compliant expansion Slot

- **Front Panel** (Click here for layout)
  - IEEE 1394a Firewire port
  - 1 x USB 2.0 Port
  - Microphone Input Jack
  - Headphone output Jack
  - Power-on button
  - Reset button
  - Power and Hard Drive notification LED
  - Slim Optical Drive Opening

- **Dimensions**
  - 5.8" (W) x 10.0" (D) x 2.8" (H)
  (14.7 x 25.0 x 7.1 cm)
  - Chassis sectional drawing (PDF)

- **Environmental**
  - Operating Temperature: 0-40C
  - Non-Operating Temperature: (Storage) -20~60C
  - Operating RH (non condensing) 10-80%
  - Non Operating RH (non condensing) 0-90%

- **Shipping Weight**
  Shipping Weight: 6.5 Lbs / 2.9 KG (Depending on configuration)
  Unit Weight: 3.45 lbs / 1.56 KG (Depending on configuration)
  Power supply Weigh: 1.35 lbs / 0.62 KG

- **Warranty**
  - 1 Year limited Warranty, Standard
  - Extended Warranty available, contact Stealth for more info.

- Processor temperature
- Cooling fan speed
- Voltage

- **Approvals**

  CE FC

- **Chassis Description**
  - Low Profile Rugged Aluminum Chassis

Note: Specifications are subject to change without notice.
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