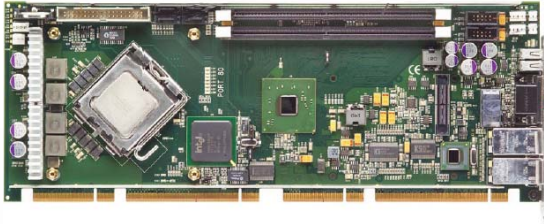




System Host Board (SHB)

Product # OSS-SHB-PD-3.2-xxx
OSS-SHB-PD-3.0-xxx



Description

PCI Express-based dual-core system host board with a Pentium® D processor (2.8GHz to 3.2GHz), one PCIe x16 link, and one x4 link.

Features

- Pentium D dual core processor
- Provides one 16 link and one x4 link
- Direct connect video option via the chipset's Intel Graphics Media Accelerator 950
- Compatible with the SHB Express (PICMG 1.3) specification
- Support dual channel DDR2-667 memory, 4GB maximum
- Dual gigabit Ethernet ports plus one 10/100Base-T backplane interface
- Integrated RAID 0,1,5 and 10 implementation support via four SATA II/300 ports

Specifications

Processor	<ul style="list-style-type: none"> • Pentium® D processor at 2.8GHz to 3.2GHz • Chipset: Intel® 945G • Memory: Up to 4GB PC2-5400, DDR2-667 ECC • BIOS: AMIBIOS8
PCIe interface	<ul style="list-style-type: none"> • PICMG 1.3-compliant interface provides a x16 PCIe link.
I/O Board	<ul style="list-style-type: none"> • Hard Drive: 4 serial ATA/300 and 1 Ultra ATA/100 • Network: Two 10/100/1000Base-T interfaces • Serial: 8 USB 2.0 ports
Video interface	<ul style="list-style-type: none"> • Direct connection via the chipset's Intel Graphics Media • Accelerator 950 with faster graphics and 3D performance • One x16 PCIe graphics port providing 3.5 times more bandwidth than AGP x8 interface • ADD2 video and graphics cards
Power requirements	<ul style="list-style-type: none"> • 220W total; 3.3V, +/-12V, +5V and VCORE
Operating environment	<ul style="list-style-type: none"> • Temperature Range: 0° to 45°C (32° to 117°F) • Relative Humidity: 5% to 90% non-condensing • Shock: 30g acceleration peak (11ms pulse) • Vibration: 5-17Hz 0.5" double amplitude displacement; 7-2000Hz, 1.5g acceleration
Agency approvals and industrial compliance	<p>UL 60950, CAN/CSA C22.2 No. 60950-00, EN55022:1998 Class B,</p> <p>EN61000-4-2:1995, EN61000-4-3:1997, EN61000-4-4:1995,</p> <p>EN61000-4-5:1995, EN61000-4-6:1996, EN61000-4-11:1994</p>

