



Pentium 4 System Host Board

Product #OSS-SHB-P4-3.4xxx
OSS-SHB-P4-3.0-xxx



Description

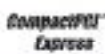
This graphics-class SHB supports x16, x4 and x1 PCI ExpressT links to a PICMG® 1.3 backplane. It also supports PCI-X and PCI option cards.

Features

- Intel® Pentium® 4 processor with 945G chipset
- PCI Express graphics-class SHB
- Direct connect video option via Intel Graphics Media accelerator
- Dual gigabit Ethernet ports plus one 10/100Base-T backplane
- Four SATA/300 ports

Specifications

Processor	<ul style="list-style-type: none"> • Intel® Pentium® 4 processor at speeds of 3.0GHz to 3.8GHz • Intel® Pentium® D processor at speeds of 2.8GHz to 3.4GHz • Intel® Celeron® D processor at 2.93GHz to 3.33GHz
Chipset	dual-channel DDR2-667, 1066MHz FSB, PCI Express x16 graphics port and PCI Express x4 and x1 links to a PICMG 1.3 backplane
PCIe Interface	<ul style="list-style-type: none"> • One x16 PCI Express link • One x4 PCI Express link • Five PCI Express reference clocks. • The SHB also provides a 32-bit/33MHz PCI bus interface
I/O Interfaces	<p>Serial Port Interface: Four serial ATA/300 ports.</p> <p>Serial Cache Memory (L2 AND L1): two (L2) cache memory integrated on-die with Advanced Transfer Cache memory</p> <p>DDR2-667 MEMORY: A dual-channel interface</p>
Operating systems	<ul style="list-style-type: none"> • Microsoft® Windows® 2000, XP, 2003 Server, and NT 4.0, RedHat Linux 9.0, Fedora Core 2.0, SUSE Linux 9.0
Power requirements	<ul style="list-style-type: none"> • CPU +5V +12V +3.3V • 3.2GHz* 3.90A 10.34A 3.27A • 3.4GHz* 3.60A 4.42A 3.27A • 3.0GHz* 2.64A 6.70A 3.27A • 2.93GHz* 3.00A 3.59A 3.27A
Temperature environment	<ul style="list-style-type: none"> • Operating Temperature: 0° to 45° C. • Storage Temperature: -40 to 70 C. • Humidity: 5% to 90% non-condensing



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