



## Pentium III CPU

Product #OSS-CPCI-3U-CPU-P3-933-256



### Description

Pentium III-based 400Mhz system processor with 256MB soldered DRAM.

### Features

- 933Mhz Mobile Pentium III system processor with local CPU fan
- 3U x 8HP wide face plate
- 256MB soldered DRAM with optional 128MB DRAM
- USB, Firewire, Fast Ethernet, VGA
- Configured for rear I/O
- Lynx3DM graphic accelerator, 8MBVRAM

### Specifications

<b>Processor</b>	Mobile Pentium III 400Mhz, BGA2 package with interposer (100Mz PSB, 128kByte L2 cache)
<b>Memory</b>	<ul style="list-style-type: none"> <li>• 256MByte soldered synchronous DRAM with optional BIOS activated ECC feature.</li> <li>• Additional Piggyback provides additional 128MB</li> </ul>
<b>FLASH-Disk</b>	<ul style="list-style-type: none"> <li>• Available as an option (Disk-on-Chip™) providing up to 500MByte FLASH</li> </ul>
<b>Connectors</b>	<ul style="list-style-type: none"> <li>• USB (USB), RJ45 (Ethernet), 6-pin FireWire (FireWire), 15-pin D-Sub (PanelLink), 15-pin high-density D-Sub (VGA), 9-pin D-Sub (GigaST R)</li> </ul>
<b>PCI/PCI</b>	<ul style="list-style-type: none"> <li>• Intel 21150 transparent bridge (Master) or Intel 21554 non-transparent PCI/PCI bridge for multiprocessing (Slave) operation with Basic Hot-Swap support (PICMG 2.1 R1.0), Serialized interrupts and universal (3.3/5.0V) V I/O support</li> </ul>
<b>North Bridge</b>	<ul style="list-style-type: none"> <li>• 440BX North Bridge 82443BX supporting 100MHz system bus DRAM controller with 64bit, 100MHz SDRAM interface, ECC support, AGP 2X interface (66/133MHz)</li> </ul>
<b>South Bridge</b>	<ul style="list-style-type: none"> <li>• M1543C: PCI/ISA Bridge, Super I/O: 1 Floppy Disk Controller, 1 Parallel Port, 2 Serial Ports, Fast IR, IDE Controller (4 devices), Ultra 66 DMA support, 12Mbit/s USB controller, Interrupt controller</li> </ul>
<b>Power Consumption</b>	<ul style="list-style-type: none"> <li>• 25W typ. PIII @ 850MHz (Lynx)</li> </ul>
<b>Operating Temperatures:</b>	<ul style="list-style-type: none"> <li>• Operating temp.: 0°C to +60°C (Ambient)</li> <li>• Storage temp.: -40°C to +85°C</li> <li>• Extended Temp: -40 to +85°C (400MHz Mobile [Lynx] only)</li> <li>• Conformance: PICMG 2.0 R3.0, CE</li> </ul>



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