



## Dual Core Xeon System Host Board

Product #OSS-SHB-2DCX-2.0-xxx  
 OSS-SHB-2DCX-1.6-xxx  
 OSS-SHB-2XDC-2.0-xxx



### Description

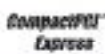
PCI Express-based System Host Board with dual Intel® XeonT processors, two PCIe x8 and one x4 connectors

### Features

- Dual Intel 3.4GHz, 3.6GHz, or LV 2.8GHz Xeon processors
- E7520 chipset supports 800MHz FSB
- Two PCI Express x8 and one x4 on edge connector
- Dual Gig Ethernet ports
- Two USB 2.0 ports on slot cover
- Up to 8GB DDR2-400 DRAM in four sockets

### Specifications

<b>Processor</b>	<ul style="list-style-type: none"> <li>• Intel Dual Core Xeon LV at 1.66GHz to 2.0GHz*</li> <li>• Package: Micro-FCPGA (478-pin)</li> <li>• Chipset: Intel E7520</li> <li>• Memory: Up to 8GB DDR2-400 ECC</li> <li>• BIOS: AMIBIOS8</li> </ul>
<b>PCIe Interface</b>	<ul style="list-style-type: none"> <li>• One PCI Express link on edge connectors</li> </ul>
<b>ON BOARD I/O</b>	<ul style="list-style-type: none"> <li>• <b>Hard Drive:</b> Dual Serial ATA/150 and dual ATA/100</li> <li>• <b>Network:</b> Two 10/100/1000Base-T Ethernet interfaces</li> <li>• <b>Serial:</b> Four USB 2.0 ports, two on bracket and four on head connectors</li> </ul>
<b>Ultra XGA Video Interface</b>	<ul style="list-style-type: none"> <li>• ATA RAGE MOBILITY® M1 video controller enables video</li> </ul>
<b>Power requirements</b>	<ul style="list-style-type: none"> <li>• 220W total; 3.3V, +/-12V, +5V</li> </ul>
<b>Operating environment</b>	<ul style="list-style-type: none"> <li>• <b>Temperature Range:</b> 0° to 60°C (32° to 140°F)</li> <li>• <b>Relative Humidity:</b> 5% to 90% non-condensing</li> <li>• <b>Shock:</b> 30g acceleration peak (11ms pulse)</li> <li>• <b>Vibration:</b> 5-17Hz 0.5" double amplitude displacement; 7-2000Hz, 1.5g acceleration</li> <li>• <b>Thermal Design Power Rating (TDP):</b> 31W; low rating enables an active or passive cooling solution</li> </ul>
<b>Agency approvals and industry compliance</b>	<ul style="list-style-type: none"> <li>• UL 60950, CAN/CSA C22.2 No. 60950-00, EN55022:1998 Class B</li> <li>• EN61000-4-2:1995, EN61000-4-3:1997, EN61000-4-4:1995,</li> <li>• EN61000-4-5:1995, EN61000-4-6:1996, EN61000-4-11:1994</li> </ul>



[www.onestopsystems.com](http://www.onestopsystems.com)

Phone 877-438-2724 • Fax 760-466-1678 • [sales@onestopsystems.com](mailto:sales@onestopsystems.com)