


**Technical Specifications**

**Packaging**

- Single PCI PowerSpan II: 32 or 64 -bit/66MHz
  - 420 HSBGA, 1.27mm ball pitch, 35mm body size
  - 484 PBGA, 1.0mm ball pitch, 23mm body size
- Dual PCI PowerSpan II: 32 -bit/66MHz and 64 -bit/66MHz
  - 480 HSBGA, 1.27mm ball pitch, 37.5mm body size
  - 504 HSBGA, 1.0mm ball pitch, 27mm body size

**Processor Support**

- Direct connect interface for embedded processors:
  - Freescape: MPC825x, MPC826x, MPC7xx, MPC7400
  - PowerPC: PowerPC 7xx, PowerPC 7400
  - Wintegra WinPath™
- 25 to 100 MHz bus frequency
- Programmable endian conversion
- Integrated processor bus arbiter
- MPC8260 extended cycle support

**PCI Support**

- Dual PCI variant: 32 -bit/66 MHz and 64 -bit/66 MHz PCI interfaces
- Single PCI variant: 64 -bit/66 MHz PCI interface
- Integrated, non-transparent PCI -to- PCI bridge in the Dual PCI PowerSpan II
- PCI arbiters on each PCI interface
- CompactPCI Hot Swap Friendly
- PCI 2.2 Specification compliant
- Intelligent I/O (I<sub>2</sub>O) Messaging Unit

**DMA Support**

- Four independent bi-directional DMA channels
- Any port to any -port transfers
- Linked-List (Scatter -Gather) Mode & Direct Mode

**Block Diagram**

**Product Ordering Information**

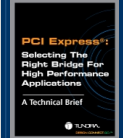
Product Number	Variant	Frequency	Temp	Pkg	Pin
CA91L8200B - 100CE	Dual PCI	100MHz	Commercial	BGA	480
CA91L8200B - 100CEY	Dual PCI	100MHz	Commercial	BGA(RoHS)	480
CA91L8260B - 100CE	Single PCI	100MHz	Commercial	BGA	420
CA91L8260B - 100CEV	Single PCI	100MHz	Commercial	BGA (RoHS/Green)	420
CA91L8260B - 100CL	Single PCI	100MHz	Commercial	BGA	484

For information on part availability and pricing, please contact [sales@tundra.com](mailto:sales@tundra.com)

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**NEWS:**

- 09/26/07  
Tundra Announces Mercury Computer Systems Sublicensees RapidIO Tsi578 MicroTCA Switching Module
- 09/17/07  
Tundra Broadens PCI Express Portfolio with Ts931
- 08/27/07  
Tundra Releases Q1 - Fiscal 2008 Financial Results
- 08/21/07  
Huawei Selects Tundra's Serial RapidIO Switch for Next-Generation Systems

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