

*Transform a laptop into a server
and a workstation into a supercomputer*



The CUBE™ Thunderbolt™ and PCIe™ Expansion

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Expansion Enclosures

- Greatly enhance your system's functionality
- Create a video editing machine for your laptop and save hundreds of dollars
- Use Thunderbolt or PCIe connectivity packages
- Works with MAC or PC
- Simple, reliable, and cost-effective



*Lightweight, Whisper-quiet,
HIGH SPEED Expansion*

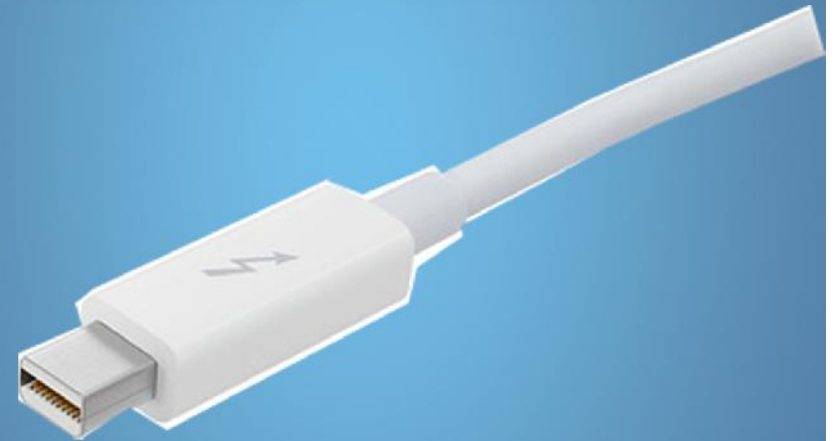
Thunderbolt and PCIe Connectivity

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MAX
EXPANSION



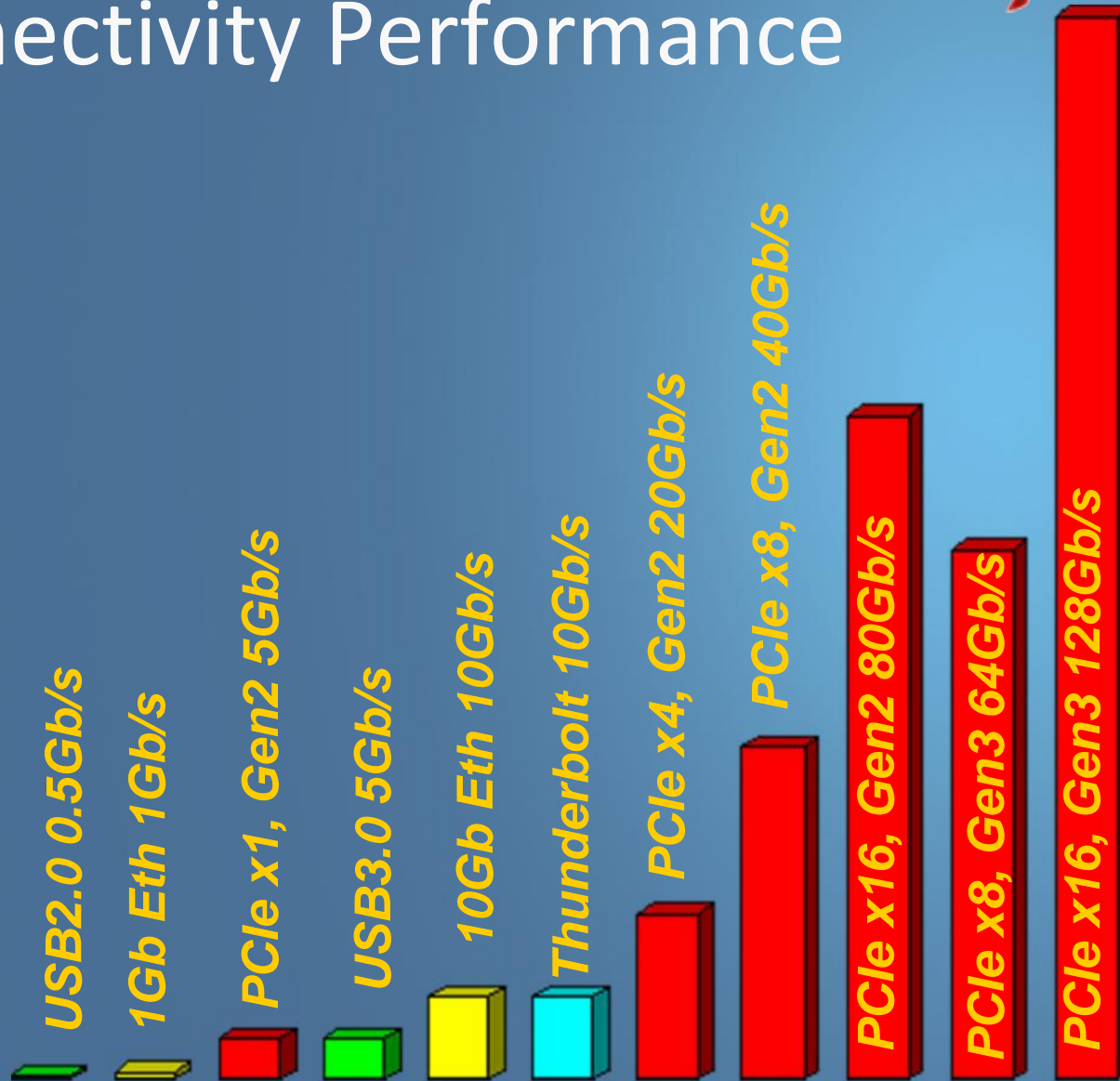
- Combines PCIe and Display Port into serial data interface
 - ✓ 10Gb/s bandwidth per channel
- A single server can support up to seven devices through hub
 - ✓ Up to two devices can be displayed



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Connectivity Performance

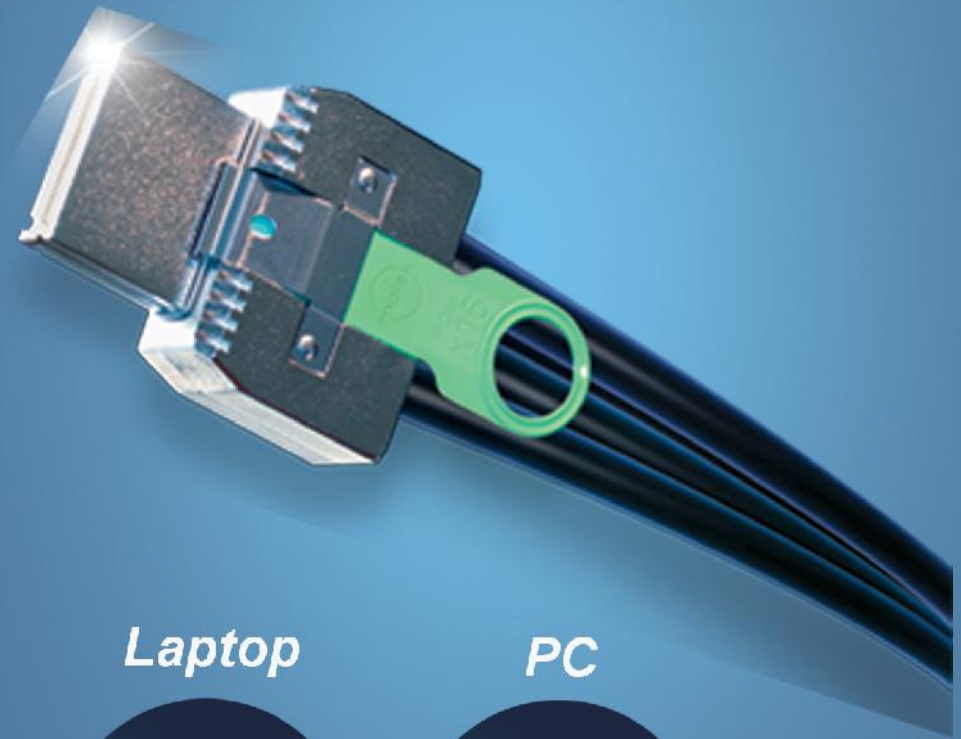


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PCIe Connectivity

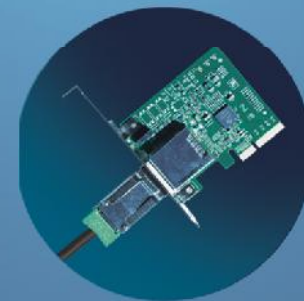
- Connects a server to I/O at up to 128Gb/s bandwidth
- Uses the native PCIe bus on all computers
 - ✓ No software conversion required
- Two connection options
 - ✓ Laptops: ExpressCard with 2.5Gb/s data transfers
 - ✓ PC's: PCIe cable adapter with 20Gb, 40Gb, 80 Gb, or 128Gb/s data transfers



Laptop



PC



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The μ CUBE Products

- Three sizes with different slot and power supply options
- Supports one to five PCIe short cards
- Ideal for mobile applications
- Thunderbolt connections with 10Gb/s data transfers
- PCIe connections with up to 128Gb/s data transfers

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Thunderbolt and PCIe Connectivity

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The μ CUBE

- Supports **one PCIe x16 short card**
- Dimensions: 2.53"W x 9.7"H x 11"D
- 84W external power supply
- Multiple backplane and connectivity options available

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Thunderbolt and PCIe Connectivity

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The μ CUBE²

- Supports one PCIe x8 and two PCIe x4 short cards
- Dimensions: 6.9"W x 9.7"H x 11"D
- 180W external power supply
- Multiple backplane and connectivity options available

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Thunderbolt and PCIe Connectivity

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The μ CUBE³

- Supports up to **five PCIe x4 short cards**
- Dimensions: 6.9" W x 9.7" H x 11" D
- 400W power supply
- Multiple backplane and connectivity options available

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Thunderbolt and PCIe Connectivity

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The CUBE Products

- Three sizes with different slot and power supply options
- Supports **one to eight PCIe full-length** cards
- Ideal for applications requiring high-end GPU cards
- PCIe connections with data transfers up to 128Gb/s

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Thunderbolt and PCIe Connectivity

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The CUBE

- Supports one double-wide PCIe x16 or two single-wide PCIe x8 full-length cards
- Dimensions: 3.35"W x 9.7"H x 14.4"D
- 180W external power supply
- Multiple backplane and connectivity options available

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Thunderbolt and PCIe Connectivity

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The CUBE²

- Supports up to five PCIe x4 single-wide or two double-wide plus one single-wide full-length cards
- Dimensions: 6.26"W x 9.7"H x 14.4"D
- 550W power supply
- Multiple backplane and connectivity options available

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Thunderbolt and PCIe Connectivity

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The CUBE³

- Supports up to **four double-wide or eight single-wide cards**
- Dimensions: 9.18"W x 9.7"H x 14.4"D
- Dual 550W power supplies
- Multiple backplane and connectivity options available

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Preconfigured Appliances

- The **FlashCUBE** provides 1.6TB or 3.2TB Flash storage and the **Flash- μ CUBE** provides 240GB, 480GB, or 960GB Flash storage to your PC
- The **ECUBE** and **E- μ CUBE** provide up to four Gigabit or two 10Gb Ethernet ports
- The **GPU-CUBE**, -CUBE², and -CUBE³ support from one to four high-end GPUs
- Create your own appliance with your desired IO cards



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Summary

- You can greatly enhance your system by simply plugging in an expansion enclosure with desired IO cards.
- Save hundreds of dollars over buying a new system
- Choose Thunderbolt or high speed PCIe connectivity packages
- Choose your own IO cards or select a preconfigured appliance
- Purchase on maxexpansion.com for easy ordering and quick delivery

