

Benefits

- Support for 100G via native CAUI-4
- Support for 25G ports as the industry transitions from 10G to 25G
- Single-chip solution for common fixed ToR, 10G/25G Blade Server, and line-card switching applications
- Fast time to market and reduced development complexity with common software API that abstracts the entire StrataXGS portfolio
- Reduced latency operation with cut-through switching architecture
- Power-saving with Energy Efficient Ethernet (EEE)

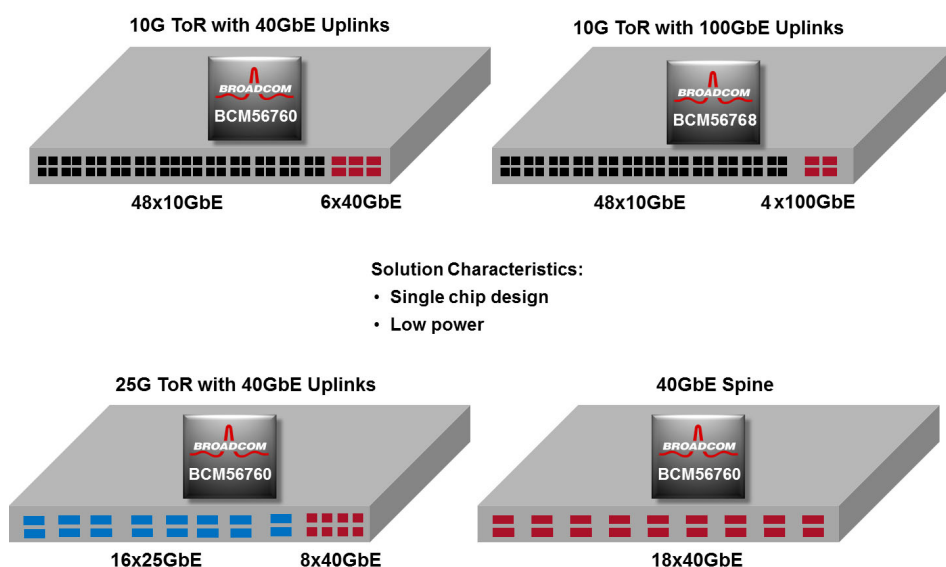
Applications

- Data centers
- Enterprise
- Service provider

Features (cont.)

- ContentAware™ engine for scalable, high-density ingress and egress packet classification
- Data center bridging support: PFC, QCN, ETS
- Dedicated FCoE forwarding engine enabling FC-BB-5 and FC-BB-6 deployment models
- Hardware-based tunneling services
- Energy Efficient Ethernet (EEE) support including customizable, low-power idle (LPI) control policies
- Integrated 1588v2 processor for Precision Time Protocol and IEEE 802.1AS for timing and synchronization

Figure 2: BCM56760-Based 1RU Fixed Pizza Boxes



Ordering Information

Part Number	SerDes Configurations
BCM56768	48x10G + 4x100G (CAUI-4) I/O
BCM56760	48x10G + 2x100G (CAUI-4), 72x10G, 18x40G, 16x25G + 8x40G
BCM56762	48x10G, 12x40G, 16x25G + 2x40G, 8x25G + 4x40G, 24x10G + 2x100G
BCM56765	72x10G, 18x40G, 48x10G + 6x40G

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Broadcom Limited:](#)

[BCM56760A0KFSBG](#) [BCM56760B0KFSBG](#) [BCM56762B0KFSBG](#) [BCM56765B0KFSBG](#)