Arctica 4804ip
48x 1GbE/4x 10GbE Network Switch

- 1.33 GHz BayTrail x86 Dual Core, 1/2 GB DRAM, 512 MB/1 GB NOR Flash, 4 GB NAND Flash
- Broadcom Hurricane 2 Data Plane Switching Silicon Processor
- Routing Tables: MAC 16K, VLAN 4K, L3 Hosts 1K IPV4
- Jumbo Packet: 9K bytes Payload improving end-to-end TCP Performance
- Optional: Intelligent Power Over Ethernet (POE+) Management

Arctica 4804iq
48x 1GbE/4x 10GbE Network Switch

- Interfaces: 48 RJ45 GbE Ports, 4 SFP+ 10GbE Ports, Management (1000Base-T), Console Ports RJ45 and USB2.0 (Type A)
- CPU: 1.7 GHz Rangeley x86 Dual Core, 2/4GB DRAM, 512 MB/1GB NOR Flash, 1GB NAND Flash, or 8GB mSATA
- Data Plane: Broadcom StrataXGS® BCM56309 Helix 4 Switching Silicon
- Switching Capacity: 176 Gbps, 4MB Packet Buffer
- Routing Tables: Uniform MAC/VLAN/L3 hosts up to 96K, LPM 16K IPv4
- Jumbo Packet: 12K bytes Payload improving end-to-end TCP Performance
- Content Aware Processing: Layer 2-7 packet classification
Arctica 4806xp
48x 10 GbE/6x 40 GbE Network Switch

- Latest Broadcom Trident II packet engine
- 48x 10 Gigabit SFP+ host ports for twinax cabling or optical transceivers
- 6x 40 Gigabit QSFP uplink ports
- Redundant 2x 460W power supplies
- Airflow configurations for both front and rear facing I/O layouts
- Hot swappable fans
Arctica 3200xl
32x 40GbE Network Switch

- 40 GbE with line-rate capable Layer 2 and Layer 3 forwarding
- Airflow configurations for both front- and rear-facing I/O layouts
- 32 x 40 gigabit QSFP ports for copper cabling or optical transceivers
- Remote access service features, including redundant 460W power supplies and hot-swappable fans
- Ideal for wide-ranging use cases, including messaging fabrics for HPC clusters, storage connectivity and aggregation layer for 10/40 gigabit leaf switches

Arctica 3200xlp
32x 40GbE Network Switch

- Fixed configuration, top-of-rack form factor, 1RU
- 32x QSFP/40Gb ports, copper and optical cabling
- Redundant 2x 460W power supplies
- Airflow configurations for both front and rear facing I/O layouts
- Hot swappable fans
Arctica 3200c
32x 100GbE Network Switch

- Latest Broadcom Tomahawk packet engine
- Intel x86 control processor running Linux stack and applications
- 32x 100 Gigabit QSFP28 ports, each can be split to multiple 25 or 50Gb host links
- Redundant 2x 800W power supplies to support 100Gb transceiver and AOC options
- Airflow configurations for both front and rear facing I/O layouts
- Serviceability - Hot swappable fans and power supplies
For any questions regarding these systems and their configurations, please contact Penguin Computing.

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