The Summit5i™ is the ideal switch for mid-tier aggregation in enterprise, basement customer premise equipment (CPE) for metro area networks, and for server load balancing/web cache redirection in server co-location and hosting environments. With a compact 2U factor, the Summit5i switch integrates non-blocking Wire-Speed IP/IPX Routing and Layer 2 switching with advanced capabilities like Policy-Based Quality of Service, server load balancing, web cache redirection and access control lists—all at wire speed on every port.

Summit5i - Available in three configurations with twelve 100/1000BASE-T, 1000BASE-SX, or 1000BASE-LX ports plus four GBIC-based 1000BASE-X ports, the Summit5i also comes with built-in redundant power supplies for increased fault tolerance.

Point of Presence (POP) The shift from narrowband technologies to gigabit level services has dramatically changed the networking requirements of the customer premise equipment portion of metro area networks, as well in Internet data centers fed by high-capacity connections. The Summit5i provides an ideal integrated platform to meet these new requirements.

Broadband Access POP - Delivers an integrated platform for providing transport and service termination at the CPE location. Features wire-speed switching and routing, filtering, virtual metropolitan area networks (vMANs), and bidirectional bandwidth controls.

Broadband Services POP - Provides a single aggregation point for the basic service delivery mechanisms necessary for an Internet data center- scalability, security, access policies, wire-speed access control lists, and server load balancing combined with both high availability and web cache redirection configurations.

Pre-installed on every Extreme Networks™ switch, the ExtremeWare™ software suite features industry standard protocols to ensure interoperability with legacy switches and routers, plus Policy-Based Quality of Service (QoS) for bandwidth management and traffic prioritization. ExtremeWare scales performance and increases availability by combining Policy-Based QoS with fully integrated server load balancing, web cache redirection, access control lists, VLAN switching and routing, IETF DiffServ and IEEE 802.1p.

• SONET-like reliability for non-stop operation
• Bandwidth by the slice for incremental service provisioning
• Usage-based billing to recoup the service provider's investment
• Virtual MAN (vMAN) services for virtual private networks over a single MAN
• BGP4 for Internet peering
• Medium and long-reach optics for metro and regional area networks
• Non-blocking 32 Gbps switch fabrics yields 24 million packets per second
• Wire-Speed IP/IPX Routing at Layer 3 with wire-speed layer 2 switching
• Policy-Based Quality of Service with bandwidth management and prioritization
• Bandwidth provisioning per port
• Advanced resiliency and fault tolerance; fully redundant, load-sharing power supplies
• Dual switch configurations and ExtremeWare images
• Extreme Standby Router Protocol (ESRP™)
• OSPF equal cost multipath routing
• 1,024 IEEE 802.1Q VLANs
• IEEE 802.1ad compatible link aggregation
• Switch and route jumbo frames
For the latest Summit5i product specifications, check out www.extremenetworks.com/products/datasheets/summit5i.asp

For more product information from Extreme Networks, please call 1.888.257.3000. 3585 Monroe Street, Santa Clara, CA 95051-1450 Phone 408.578.2800 Fax 408.579.3000 Email: info@extremenetworks.com Web: www.extremenetworks.com

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