Highlights

Connectivity

- 6 x 1Gbps Ethernet
- USB for LTE modem

Optimization

- User and application flow control
- Link state monitoring
- Multi-path optimization

Management and Analytics with ExtremeCloud™ IQ

- Automated deployments
- Simplified network operations
- Link state visibility monitoring
- Advanced reporting and network insights

Secure network access

- Layer 2-7 policy enforcement
- Identify, prioritize, and restrict traffic flows per link

ExtremeRouting™ XR600

Cloud-Managed Midsize Router

The XR600 delivers cloud-managed routing for distributed organizations, extending unified, enterprise connectivity to any location.

The XR600 forms part of Extreme's branch networks solution, enabling distributed organizations to deliver a HQ-like experience for remote branches and teleworkers.

Combining powerful hardware with the extensibility of the XR600's operating system, organizations can benefit from end-to-end QoS, application-aware traffic shaping and performance optimization. With features such as real-time dynamic path selection, traffic can be passed across multiple uplinks (including LTE) in real-time, based on connection performance and availability.

Lower TCO

ExtremeCloud Networking with virtualized VPN services dramatically reduce cost of investment and operations. Cloud management dramatically simplifies network administration, while multi-path optimization and application-based flow control help to reduce or completely remove costly MPLS links by improving performance across inexpensive broadband links.

Optimized Connecivity

User and application-based traffic flow control enables organizations to identify, prioritize, and restrict traffic flows based on application or user context or bandwidth requirements. Direct mission-critical traffic through primary business-grade WAN connections, while less important traffic flows may be sent via secondary LTE or consumer-grade connections.

Secure Branch Access

Contextualized profiling, cloud security proxy, and a flow-based stateful firewall, enable IT to easily assign forwarding policies by application, user group, client OS, client Mac address, client location, and schedules. This allows corporate headquarters' network usage and security policies to be consistency enforced on every device, wired or wireless, regardless of their location.
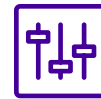
Full Stack Management

The XR600, managed by ExtremeCloud IQ, provides unified policy management and enforcement with connected access points and switches. Single pane of glass cloud management for wired and wireless LAN and WAN makes it easier to deploy, monitor, and support highly distributed networks.

Simplified Rollouts

With auto discovery and provisioning, the XR600 can be remotely deployed, phoning home to discover its management server and pulling down complex configurations in minutes. Thousands of XR600's can be rolled out, configured, and updated from a single location in no time.

LTE Backhaul

USB connectivity supports LTE modems for greater backhaul flexibility. Load balance and enable redundancy across Ethernet and LTE, assign user and application groups to specific uplinks, or use the LTE connection alone for temporary locations without fixed Internet connections.

Product Specifications

Interfaces
- IEEE 802.3ab (1000BASE-T), 802.3u(1000BASE-TX), 802.3 (10BASE-T) compliant
- 6x 1GE ports
  - 2x WAN (WAN0 and WAN1), WAN1 can be configured as LAN port
  - 4x LAN (one can be configured as WAN port, 3x WAN ports total)
- 1x USB 2.0 port and 1x USB 3.0 port with backward compatibility with USB 1.1 (1 side, 1 rear)
  - Either can be used as WAN via modem (only 1 at a time)
  - Optional modem protector can be installed for side USB port
- 1 Reset button to reset (on press) and load factory default settings (when pressed for more than 5 seconds)
- 1 RJ45 console port

Modem Support
- Skyus DS (Global)
- U620L (Verizon)
- ConnectedIO (LT1000)
- Huawei UMG366 (ATT and T-Mobile)
- Pantech UML290 (Verizon)

Performance
- Firewall throughput: Up to 600 Mbps
- VPN throughput: Up to 250 Mbps
- Multi-path optimization and link-state detection

Security
- VPN Server Mode (Layer 3 IPsec)
- VPN Client Mode (Layer 3 IPsec) with virtual gateway tunnel terminator
- URL Filtering
- Wired authentication including 802.1X, MAC authentication and Captive Web Portal support
- Identity-based access control plus application visibility for 1200+ apps
- Stateful firewall
- Full Trusted Computing Group (TCG) Trusted Platform Module (TPM)

Mounting
- Desktop
- Wall mount
- Optional rack mount key for 1U rack

Physical
- Dimensions: 8.7" W x 1.14" H x 6.3" D (22 cm W x 2.9 cm H x 16 cm D)
- Weight: 1.2 lb (544.31g)

Environmental
- Operating temperature: 32 °F to 104 °F (-0 to 40 °C)
- Storage temperature: -40 °F to 176 °F (-40 to 80 °C)
- Operating humidity: 10% to 90% RH (non-condensing)
- MTBF (based on Telecordia SR-332)
- 350,000
- TBH Hours at 25ºC

Power
AC Power adapter:

- Input: 100 – 240 VAC
- Output: 54V/1,67A, 90.18W

Physical Security
- 1 Kensington Security Slot

Ordering Information

XR600 - SKUs

SKU	Description
XR600	XR600 Branch Router, 6x GE Ethernet Ports, 2x USB, Console Port, with included power supply (power cord sold separately)

Power Accessories

Part Number	Description
PD-9001GR-ENT	Single port 802.3at compliant midspan
10061	Pwr Cord,10A,NEMA 5-15P,IEC320-C13,125V, 18AWG (for US)
10034	Pwr Cord,10A,BS1363,IEC320-C13,250V, 0.75MMSQ (for UK)
10033	10033 Pwr Cord,10A,CEE 7/7,IEC320-C13,250V, 0.75MMSQ (for EU)
10036	Pwr Cord,10A,AS3112,IEC320-C13,250V, 0.75MMSQ (for AU)
10033	Pwr Cord,10A,CEE 7/7,IEC320-C13,250V, 0.75MMSQ (for Korea)

Accessories

Part Number	Description
AH-ACC-XR600-USB	XR600 USB Protector. Includes screws.
AH-ACC-XR600-BKT	XR600 Mounting Brackets. Includes two brackets and screws.