

## Highlights

### Connectivity

- 5 x 1Gbps Ethernet (2 x PoE Ports)
- USB for LTE modem

### SD-WAN 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™ XR200P

Cloud-Managed SD-WAN Router with Gigabit PoE+ Ethernet

The XR200P delivers cloud-managed SD-WAN routing for distributed organizations, extending unified, enterprise connectivity to any location.

The XR200P forms part of Extreme's SD-WAN 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 XR200P'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.



ExtremeRouting™ XR200P



### Built to Suit Your Business Needs

**Extreme Elements** are the building blocks that allow you to tailor your network to your specific business environment, goals, and objectives. They enable the creation of an Autonomous Network that delivers the positive experiences and business outcomes most important to your organization.

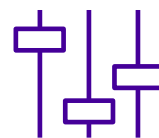
Combining architecture, automation, and artificial intelligence, Extreme Elements enable you to ensure that your users get what they need — when and where they need it. Providing these superior user experiences is as simple as mixing and matching the right elements.

Learn more at <https://www.extremenetworks.com/extreme-elements/>.



## 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.



## Full Stack Management

The XR200P, 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.



## Optimized Connectivity

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.



## Simplified Rollouts

With auto discovery and provisioning, the XR200P can be remotely deployed, phoning home to discover its management server and pulling down complex configurations in minutes. Thousands of XR200P's can be rolled out, configured, and updated from a single location in no time.



## 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.



## 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
- 5x 1GE ports
  - 1x Dedicated WAN
  - 4x LAN (one can be configured as WAN port, 3x WAN total with 2x ETH + 1x USB) with autosensing and auto-MDI/MDI-X. IEEE 802.3x PAUSE frame flow control in full duplex
- 2x PoE ports with total of 30.8W power budget, supporting 2x IEEE 802.3af PoE, or 1x 802.3at PoE+
- 1x USB 2.0 port and 1x USB 3.0 port with backward compatibility with USB 1.1
  - Either can be used as WAN via modem (only 1 at a time)
- 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 & T-Mobile)
- antech UML290 (Verizon)

## Performance

- Firewall throughput: Up to 200 Mbps
- VPN throughput: Up to 100 Mbps
- Multi-path optimization and link-state detection

## Security

- VPN Client Mode (Layer 3 IPsec) with virtual gateway tunnel terminator
- 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)
- 5725 MHz to 5875 MHz :30 dBm

## Mounting

- Desktop
- Wall mount

## Physical

- Dimensions: 7.75" W x 1.13" H x 6.1" D (19.7 cm W x 2.9 cm H x 15.5 cm D)
- Chassis Weight: 14oz (400g)

## Environmental

- Operating temperature: 32 °F to 104 °F (-0 to 40 °C)
- Storage temperature: -40 °F to 158 °F (-40 to 70 °C)
- Operating humidity: 5% to 95% RH (noncondensing)

## MTBF (based on Telecordia SR-332)

- 392,000 Hours at 25 °C

## Power

AC Power adapter:

- Input: 100 – 240 VAC
- Output: 48V/1.25A, 60W

PoE:

- 802.3af DC power up to 12.95W

## Physical Security

- 1 Kensington Security Slot

## Ordering Information

SKU	Description
AH-XR-200P-XX	XR200P SD-WAN Router, x5 10,100,1000 LAN/WAN Ethernet, 2x PoE PSE Ports, USB. Power Supply Available Separately. (US UK AU CE).



<http://www.extremenetworks.com/contact>

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