

# Extreme Wired



## Product Line Highlights

- A portfolio of switches that support edge-to-core and data center use cases.
- Software-defined features, choice of operating systems, and built-in network automation
- More Energy Star-certified switches than any other vendors in the large network equipment category

## Solution Highlights

- Extreme Platform ONE™ adds AI-powered networking management, advanced physical, fabric, and service, views all with a single inclusive subscription.
- Together, Extreme Wireless and Extreme Wired provide a secure, resilient, and robust solution for wireless backhaul through the network to support critical applications and experiences.
- Extreme Fabric makes an Extreme Wired & Wireless network simpler and faster to deploy, while increasing security. ExtremeCloud™ SD-WAN extends simplicity, security, and automation across network locations to deliver value at scale.

## Extreme Universal Wired

### Flexible, Automated, Energy Efficient Connectivity

More users, more devices, more apps, and more edges have increased the complexity, risk, and energy requirements of wired networking. High-performance, robust, and simple to manage wired is more critical than ever. At the same time, AI workloads and high-performance computing (HPC) are both poised to drive rapid, unpredictable change from the edge to the data center. Many legacy Wired solutions are unable to keep up with current demands.

Extreme's Universal Wired switching portfolio and Extreme Platform ONE together make wired connectivity simple.

- **Flexible:** A portfolio of switches to support edge-to-core and data center use cases, with a choice of software defined features and management, provide unique options, simple re-use, and a long lifetime of value.
- **Automated:** Instant onboarding, self-healing, and other automation capabilities help reduce manual effort and downtime. AI-powered network management with Extreme Platform ONE simplifies configuration, monitoring, and troubleshooting, reducing time spent on manual tasks by up to 90%.\*
- **Energy efficient:** An industry leading commitment to energy efficiency makes Extreme switches an excellent choice for customers looking to reduce power consumption and environmental footprint.

No one combines more flexible, automated, and energy efficient Wired with simpler, AI-powered networking than Extreme.

\*See [Extreme Delivers Industry's First Integrated AI Networking Platform: Extreme Platform ONE Dramatically Accelerates Team Productivity and Performance.](#)

# Flexible, Automated, and Energy Efficient Wired

## Secure, always-on wired, end to end wired

From high-density venues to distributed networks, delivering consistent, high-quality experiences cost-effectively is increasingly complex. Extreme's portfolio of switches supports cost-effective edge and aggregation, as well as high performance, robust enterprise core and data center needs.

## Simpler management from Cloud or On-Premises

Managing wired can be complex. Extreme simplifies connectivity with automation across monitoring, configuration, and troubleshooting—whether from the cloud or an on-premises management. Extreme makes it simple to deliver high-quality experiences from small offices to large campuses and data centers.

## Efficient power consumption, excellent performance

Power consumption is a growing concern. Extreme offers a high-performance switching with lower power draws, as well as a design approach that reduces environmental footprint. In addition to offering the industry's largest number of Energy Star-certified switches, Extreme's design, development, supply chain, and support functions are also ISO 14001 certified.

## AI for networking with Extreme Platform ONE™

Traditional wired networking complex and time-consuming. Extreme's built-in AI for networking automates across the entire lifecycle—from planning to remediation—handling client experience, device health, PoE anomalies, and more in minutes, not hours.



### 4000 Series

Cost-optimized 1G and mGig edge switching



### 5000 Series

High performance, feature-rich enterprise edge and aggregation switching



### 7000 Series

Performance fabric switching for enterprise core and data center networks



### 8000 Series

Extreme performance, scalability, and BW for enterprise, data center, AI and HPC workloads



#### 4120

Multi-gig wired concentrator for high-density Wi-Fi/IoT



#### 5120

High-Performance, cost-effective edge/aggregation for video, IoT, and Wi-Fi 6/7 use cases



#### 7830\*

Large enterprise core, AI workloads, east-west traffic optimization



#### 8730\*

High performance 400G data center spine and leaf switching



#### 4220

Scalable wired access with cost-optimized PoE and mGig



#### 5320

Feature-rich, flexible edge for campus



#### 5520

Modular, Scalable aggregation for IoT and smart buildings



#### 7520

High-speed campus edge, smaller core deployments



#### 8520

Top-of-rack, fixed form factor 1/10/25/40/100GbE leaf switching



#### 5420

High density edge with Multi-Gig, PoE, MACsec, and IoT-ready



#### 5720

Robust enterprise workloads, aggregation networking for AI, up to 100Gb uplinks



#### 7720

Ideal for mid-size enterprise core, aggregation, and high-speed campus



#### 8720

Fixed form factor leaf, 100GbE to 4 x 25 GbE or 40GbE to 4 x 10 GbE

Manageable with Extreme Platform ONE, ExtremeCloud IQ, or command line with choice of Extreme Switch Engine or Fabric Engine operating systems and feature sets (see specific switch data sheets for specifics about management and OS support)

Manageable with ExtremeCloud™ Orchestrator, ONE OS, ExtremeCloud IQ, and command line.

\*Expected 2HCY2025. Specifications subject to change until product release. The information in this document is subject to change without notice and is not a commitment to deliver any product, service, or functionality.

# Extreme Wired Connects the Empowered Enterprise



## Better User Experiences

- mGIG Wi-Fi backhaul for always-on experiences
- AI-powered optimization and troubleshooting

## Secure Scalability

- Cost-effective edge and aggregation
- Up to 400G core and data center switching
- Built-in access policy controls

## Improved Operations and Outcomes

- Point of sale / digital payments
- IPTV, digital signage, biometric screening
- QR codes and contactless services
- Security and safety (e.g., surveillance cameras)
- Smart lighting, HVAC, and energy management

## Real-World Challenges, Real-World Results



Rentschler Biopharma consolidated their network infrastructure from 210 to just 36 network devices.

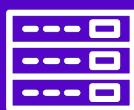


Harry Reid International Airport Las Vegas Sped up configuration time for creating new secure network segments **from days to hours.**



Prima CARE reduced support tickets by **80%** across 20+ medical offices.

## What's Next?



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