DATA SHEET

XR 600P

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

AEROHIVE NETWORKS

Powered by HiveOS, the XR600P delivers cloud-managed SD-WAN routing for distributed organizations, extending unified, enterprise connectivity to any location.
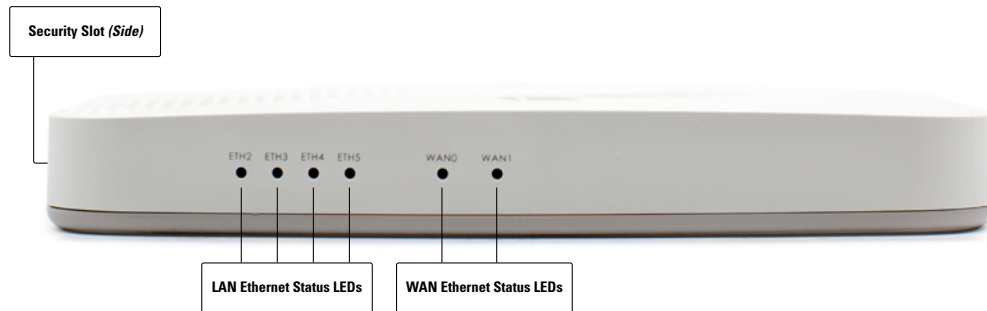
The **XR600P** forms part of Aerohive's cutting-edge SD-WAN solution, with impressive VPN and firewall throughput in addition to flexible PoE+ functionality.

Combining powerful hardware with the extensibility of HiveOS, 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.
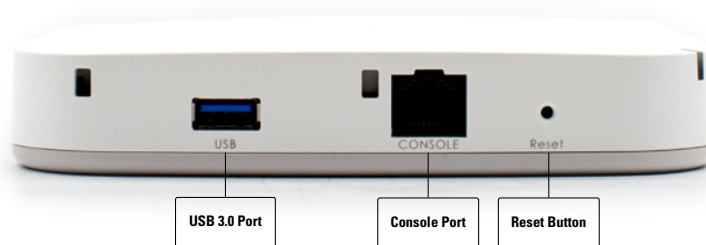
Aerohive's SD-WAN routers support a number of enterprise security mechanisms including Layer 3 IPsec VPN (when paired with a virtual gateway tunnel terminator), integrated stateful firewall plus identity and application-based access control. 802.1X, MAC and Captive Web Portal authentication can also be used for devices connecting directly via Ethernet.

Managed by *HiveManager*, Aerohive's industry-leading cloud-management platform, deploy XR routers with ease and at scale alongside Aerohive's unified switches and distributed control Wi-Fi architecture for a full-stack distributed access network solution. HiveManager is available as a Public Cloud, Private Cloud or On-Premises offering.
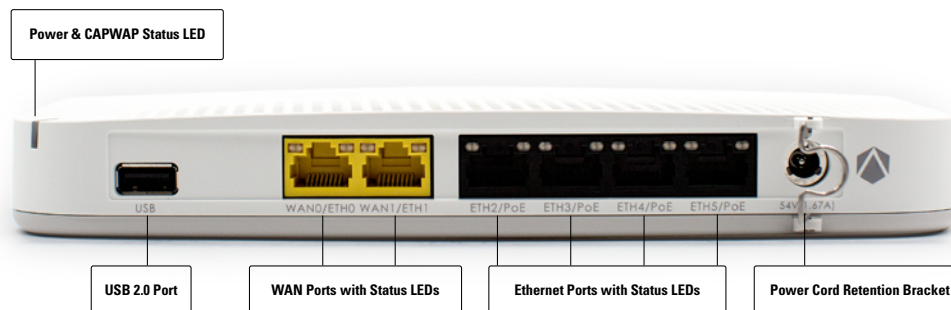
Front

Security Slot *(Side)*

ETH2 ETH3 ETH4 ETH5   WAN0   WAN1

LAN Ethernet Status LEDs   WAN Ethernet Status LEDs

Side *(Right)*

USB   CONSOLE   Reset

USB 3.0 Port   Console Port   Reset Button

Back

Power & CAPWAP Status LED

USB   WAN0/ETH0 WAN1/ETH1   ETH2/PoE   ETH3/PoE   ETH4/PoE   ETH5/PoE   54V (1.67A)

USB 2.0 Port   WAN Ports with Status LEDs   Ethernet Ports with Status LEDs   Power Cord Retention Bracket

Interfaces

- IEEE 802.3ab (1000BASE-T), 802.3u(1000BASE-TX), 802.3(10BASE-T) compliant
- 6x 1GE ports
  - 2x WAN (WAN0 & WAN1), WAN1 can be configured as LAN port
  - 4x LAN *(one can be configured as WAN port, 3x WAN ports total)*
- 4x PoE ports with 60W power budget, supporting 4x IEEE 802.3af PoE, 2x 802.3at PoE+ or other combinations
- 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 & 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 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)

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: -4°F to 176°F (-40 to 80°C)
- Operating humidity: 10% to 90% RH (noncondensing)

MTBF *(based on Telecordia SR-332)*

- 350,000 Hours at 25ºC

Power

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

- PoE:
  - 802.3af DC power up to 12.95W
  - 802.3at DC power up to 25.5W

Physical Security

- 1 Kensington Security Slot

XR600P - SKUs

SKU	DESCRIPTION
AH-XR-600P-XX	XR600P SD-WAN Router, x6 10,100,1000 LAN/WAN Ethernet, 4x PoE PSE Ports, USB. Power Supply Available Separately. (US|UK|AU|CE).

XR600P - MISCELLANEOUS SKUs

SKU	DESCRIPTION
AH-ACC-XR600-USB	XR600P USB Protector. Includes screws.
AH-ACC-XR600-BKT	XR600P Mounting Brackets. Includes two brackets and screws.