

HPE Aruba Networking User Experience Insight

HPE Aruba Networking User Experience Insight G-Series .11ax Ethernet Cell Sensor (R7H76A)



What's new

- Path Analysis: For End-to-End Proactive Observability
- HPE Aruba Networking UXI Wi-Fi 6E Sensor is equipped with dual radios for monitoring tri-band operation 2.4/5/6 GHz.
- Off-Band monitoring: Provides comparison of local BSSIDs under same SSID. Client monitoring with enhanced Wi-Fi analysis: for deeper visibility into noise and number of devices getting impacted.

Overview

HPE Aruba Networking User Experience Insight (UXI) is a digital experience monitoring solution that validates network health, application performance, and troubleshoots problems that affect day-to-day user experience, it provides 24x7 visibility into network and application performance from an edge perspective. This allows organizations to utilize an intelligent network assurance solution for understanding network health and application performance and mitigating connectivity problems before they affect end-users and impact workplace productivity.

HPE Aruba Networking UXI comprises of hardware sensors (support Wi-Fi 6E testing), agents, and cloud hosted dashboard. The sensors are

- AI-powered Incident Detection feature leverages machine learning to analyze performance and alert IT to priority issues that require immediate attention and automate service ticket creation.
- HPE Aruba Networking UXI provides back in time triage feature for validating network changes, and performing root-cause-analysis via a simple-to-use and understand cloud-hosted dashboard.
- Data Push destination feature enables IT teams to export network and application performance data onto their big-data platform for further analysis and decision making.

deployed near end-users, and agents are installed on the end-users devices. These sensors and agents run synthetic tests to provide rich data analysis across networks, applications, and user devices, helping IT teams rapidly find the root cause of the issues impacting end-users digital experience.

Features

UXI Wi-Fi 6E Sensors help customers monitor their Wi-Fi 6E environment and quantify the benefit

HPE Aruba Networking UXI Wi-Fi 6E sensors continually run more than 30K tests to monitor network and application performance in a Wi-Fi 6E environment, helping customers justify their Wi-Fi 6E adoption.

HPE Aruba Networking UXI Wi-Fi 6E sensors help the IT team understand the noise in the environment and the number of clients affected by ongoing issues.

HPE Aruba Networking UXI Wi-Fi 6E Sensor comes with extra radio for Off-band monitoring of BSSIDs in the SSID under test. This feature helps the IT team easily compare performance of different local BSSIDs.

HPE Aruba Networking UXI Agent comes with a self-service portal for end-users that highlights the network and device details that are usually requested by IT teams for rapid troubleshooting of helpdesk complaints.

The self-service portal helps end-users get an insight about the issue affecting their experience, enabling them to open a detailed helpdesk ticket and help in reducing MTTI/MTTR

Reduce helpdesk calls and tickets and efficiently utilize IT resources

HPE Aruba Networking UXI Path Analysis provides an end-to-end blueprint of outbound traffic over the global network, helping IT team to visualize the cause and the location of the issues impacting end-user digital experience.

HPE Aruba Networking UXI Sensor acts like your remote technician, continuously testing network performance, and trying to troubleshoot network issues via its automatic triage feature. It also provides back-in-time analysis and PCAP file for validating network changes.

HPE Aruba Networking UXI runs synthetic tests in a round robin fashion, testing all the important performance parameter of network and applications, capturing transient events that might otherwise go unnoticed are recorded and analyzed; solving one of the most vexing problem for IT teams.

HPE Aruba Networking UXI Agent sits on the employees android devices and monitors network and application performance from the device perspective, providing visibility into end-user digital experience, irrespective of location these users are connecting from.

HPE Aruba Networking UXI Sensors are optimum for campus, branch, and remote or hybrid network deployment (with agent), continuously testing wired and wireless network from an end user perspective and helping IT to identify how these networks are performing for end users.

Helps in making informed network upgrades/transformation

Together with HPE Aruba Networking UXI hardware sensors, the UXI Agent can help IT team dynamically baseline network and application performance.

The HPE Aruba Networking UXI Data Push Destination helps IT team export the network and application performance data on their storage platform for creating their own dashboard.

The HPE Aruba Networking UXI report helps IT team keep tabs on network performance SLAs and business defined XLAs.



Automate Day-to-Day Wired and Wireless LAN Testing

HPE Aruba Networking User Experience Insight (UXI) automatically conducts simulations and health checks to provide a simple alternative to manual network testing.

HPE Aruba Networking UXI simulates the role of a user or client device in a diverse range of scenarios - from accessing SaaS applications to onsite print services.

HPE Aruba Networking UXI monitors and performs dynamic packet captures for both wireless LAN and wired LAN connections for Aruba and multivendor infrastructure.

HPE Aruba Networking UXI is vendor agnostic. The HPE Aruba Networking UXI sensors and agents are easy to deploy, onboard, and scale. These do not need HPE Aruba Networking infrastructure for onboarding and testing.

The HPE Aruba Networking UXI AI-powered Incident Detection feature leverages machine learning to analyze performance and alert IT to priority issues that require immediate attention and automate service ticket creation hence reducing alert fatigue and improving MTTR.



Technical specifications

HPE Aruba Networking User Experience Insight G-Series .11ax Ethernet Cell Sensor

Product Number	R7H76A
Differentiator	Linux devices powered by 2.0GHz chipset, 2GB RAM and 8GB eMMC, ideal for testing Wi-Fi 6 and previous generations network environment.
Input voltage	802.3af Power over Ethernet (PoE); Optional AC power adapter
Regulatory	CE Marked; RED Directive 2014/53/EU; EMC Directive 2014/30/EU; Low Voltage Directive 2014/35/EU UL/IEC/EN 62368; FCC ID: R7H76A: Q9DASIN0304; RMN (Regulatory Model Number): UX-G6C RMN: ASIN0304
Wi-Fi antenna	802.11a/b/g/n/ac/ax 2.4GHz & 5GHz with two spatial streams
Connectivity, standard	802.11a/b/g/n/ac/ax 2.4GHz & 5GHz with two spatial streams; Gigabit Ethernet 10/100/1,000; Bluetooth Low Energy (BLE5.1) radio; 3G/LTE connection for onboarding with full managed SIM and service
Ports	10/100/1000BASE-T, RJ-45
Mounting	Ideal placement on a wall mounting, pillar, etc. is ± 4 to 5 feet (± 1.5 meters) off the ground; Includes Command Strip™ adhesive mounting for quick wall mounting below 2m in height (Except G6E, G6EC); Each sensor includes a bracket, with a star set screw and Kensington lock slot; Non-skid rubber feet for placing sensors on a flat surface; Optional T-Bar mounting kit
Power consumption	12W
Warranty	1-year replacement warranty with 10- day shipment: See http://www.arubanetworks.com/support-services/product-warranties/#Hardware ; Notes: Software support included with subscription; Hardware support through Foundational Care
Product dimensions (metric)	264.16 x 76 x 45.72 mm
Weight	500 gm

HPE Aruba Networking UXI comprises of : i) Hardware Sensor/Agent, and ii) Cloud hosted dashboard

Hardware Sensor/Agent: tests network and application performance from edge perspective.

Cloud hosted dashboard: Displays all the test results captured by sensors/agents and provide detailed analysis for easy troubleshooting.



For additional technical information, available models and options, please reference the [QuickSpecs](#)

HPE Aruba Networking Services

HPE Aruba Networking services simplify and accelerate the network technology lifecycle, enabling your network to scale with better predictability and cost-effectiveness. Whether you operate your own network and need to improve your IT efficiencies, or you want to offload some of the burden, we have the services you need to reach your goals.

Learn more about what HPE Services - Aruba Networking has to offer at: arubanetworks.com/services/

Support Services

Our support portfolio provides the essential support elements as well as proactive and preventive features to help you improve your team's productivity and get the most from your network. Our support customers benefit from faster issue resolution, simplified operations and efficiencies, and reduced network issues.

Professional Services

With deep intellectual capital and purpose-built tools, our team delivers a range of standard and custom professional services designed to accelerate your value from HPE Aruba Networking technology.

Project based services include: Annual subscription services include:

- Planning, audit, and assessment
- Architecture review and design
- Deployment, migration, and knowledge transfer
- Network optimization
- Intelligent Operations
- Customer Experience Management

Our [Education Services](#) allow your team to come up to speed quickly.

HPE GreenLake for Networking

Our NaaS solution, HPE Aruba Networking Managed Connectivity services, part of the HPE GreenLake services family, simplifies network operations, accelerates equipment handling, and increases the value of your HPE Aruba Networking network. If you need expert guidance and automation-based operations for your team, please explore the NaaS approach from HPE Aruba Networking [here](#).

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