Smarter networks for smarter students

Aruba E-rate solutions for K-12 schools and libraries

Hewlett Packard Enterprise

Top benefits of Aruba E-rate-eligible solutions

- Extend your capabilities with a comprehensive wired and WLAN solution
- Safeguard your network and protect students with an enterprise-grade solution
- Simplify network and security management
- Stretch your Category 2 budget dollars

Helping students stay ahead of the curve

Today's students learn about the world and their social life on mobile devices. Bringing that experience to school by allowing them to easily access content and learning tools on a similar mobile device just makes sense. For schools, that means an opportunity to save a significant amount of money, which is especially important in times when state governments are strapped and school districts, facing budget cuts, are looking for ways to cut costs.

Cost-effective E-rate-eligible networking solutions from Aruba, a Hewlett Packard Enterprise company, deliver the enterprise-grade capabilities, reliability, and security needed to promote digital learning opportunities in K-12 schools and libraries. Our education solutions deliver an integrated wired and wireless portfolio with industry-leading network and security management capabilities. And with the Aruba solution, you're free to continue using the equipment you own, even if you opt out of additional maintenance and support.

E-rate eligible products for K-12 schools and libraries

Start making the most of every E-rate dollar with reliable, enterprise-grade wired and wireless Aruba solutions that deliver feature-rich capabilities at a low total cost of ownership. The following table highlights products that are eligible under the current E-rate program.

Products/SKUs	Eligibility	Notes
Access Points (AP-xx, IAP-xx, RAP-xx)	✓	Access Points are eligible under Wireless Data Distribution components
Mobility Controllers (including K12 bundles)	✓	Controllers are eligible under Wireless Data Distribution components
Controller Software	✓	LIC-K12—eligible under Wireless Data Distribution components LIC-AP—eligible under Wireless Data Distribution components LIC-PEF—eligible under Data Protection components
Central (SUBx-CNP-IAP)	✓	Cloud-based Controllers are eligible under Wireless Data Distribution components
Switches	✓	Switches are eligible under Data Distribution components
Racks	✓	Racks are eligible under Racks
UPS	✓	UPSs are eligible under Uninterruptible Power Supply (UPS)/Battery Backup
Network Protector SDN	✓	Eligibility is conditional based on deployment
VMware® NSX™	✓	Eligibility is conditional based on deployment
Support	Use ER SKUs or Cost Allocate	**Use ER SKUs**—use ER# suffixed SKUs created for E-rate. ER is for software and telephone support that is E-rate eligible. **Cost Allocate**—prepaid hardware support/replacement is not E-rate eligible, but software support is eligible. USAC may ask the applicant to cost allocate the hardware support. Hardware support has been determined to be 12.5% of the total support cost.
Accessories	✓	Accessories for eligible items are eligible

Note: Eligibility stated in this list is based on product functionality, as indicated in the Funding Year 2017 Eligible Services List. This list is offered as informal guidance. Additional guidance from USAC about the E-rate eligible services, including a glossary of terms, is available at USAC's website at **usac.org/sl/**. Final determination of eligibility is provided by USAC during the application process.

The Aruba advantage

Schools choose Aruba Networks because we offer a truly complete end-to-end solution that supports tomorrow's learning. Aruba provides a range of access solutions, from the data center to the edge. We deliver the broadest portfolio of 802.11ac WLAN products, core and edge multi-gig SDN-capable switches, and an industry-leading limited lifetime warranty. And that's just the start. Aruba also has best-in-class policy services and network access control with Aruba ClearPass, which provides a full suite of customizable captive portal options for self-service BYOD, registered guest access, and simple sharing of resources.

Because schools need visibility to see, manage, and control what is running on their wired and wireless networks, Aruba technology lets you implement application-aware QoS, gain full RF visibility, and provide teachers with the ability to manage the devices in their classrooms.

Aruba solutions are also flexible. It doesn't matter if your school system requires a large, multi-site controller-based WLAN architecture, or a single-site controllerless instant solution. Aruba offers AirWave, an on-premise multivendor network management system for controller-based and controllerless solutions, as well as Central, a cloud-based management platform for our instant solutions.

Solution highlights[1]

Aruba switches bring performance and reliability to the mobile-first campus. These industry-leading switches are scalable, secure, and feature HPE Smart Rate multi-gigabit ports for high-speed connectivity. Learn more about **Aruba switches**.

Aruba 802.11ac wireless access points deliver superb Wi-Fi performance. They can be deployed as controller-managed or controllerless Aruba Instant APs depending on the design, scope, and scale of your wireless network. And our newest Wave 2 APs deliver screaming fast 11ac speeds with an HPE Smart Rate multi-gig uplink to boost network performance in high-density environments. Learn more about Aruba's enterprise-grade **access points**.

Mobility Controllers offer centralized network engineering, IP services, and policy controls while simplifying the integration of security and enterprise app platforms. Learn more about **Mobility Controllers** for next-gen networks.

Aruba ClearPass simplifies device onboarding with self-enrollment and grants network access privileges based on user roles, device types, and location. Learn more about **Aruba ClearPass**.

Aruba ClientMatch gathers session performance metrics from devices, and uses this information to steer those devices to the best AP and Radio, rather than "sticking" them with the first AP available. Learn more about **ClientMatch technology** from Aruba Networks.

Aruba AppRF technology in the Policy Enforcement Firewall leverages deep packet inspection to classify over 1,500 enterprise apps—and features a policy wizard to block, prioritize, and limit bandwidth for any app or group of apps. Learn more about **AppRF**.

Aruba AirWave is a multivendor network management solution for a complex network infrastructure that allows you to manage multiple generations of wired and wireless networking equipment from multiple vendors through a single, centralized pane of glass. Learn more about **Aruba AirWave**.

HPE Smart Rate multi-gigabit Ethernet enables you to extend the life of your existing infrastructure. When moving to Wave 2 AC, many districts will face the challenge and expense of having to add cabling. With HPE's Smart Rate feature, you may not have to. Instead, you can turn up the data volume from 1 to 2.5 or even 5 GB if needed, automatically. Learn more about **HPE Smart Rate**.

Aruba mobile engagement solutions (beacons, sensors, and the Meridian app) enhance security by enabling students to interact with customized wayfinding applications built by Meridian or give campus administration the ability to see where students are located and send them push notifications. Learn more about **mobile engagement** solutions.

HPE Network Protector SDN is the industry's first student campus firewall. In addition to providing basic firewall port filtering services, this application allows administrators to optimize traffic, such as mandatory online testing. SDN applications extend the functionality of your existing network devices, allowing them to perform new functions without the purchase of new hardware. Learn more about **HPE Network Protector SDN**.

VMware NSX allows your servers to now perform the network functions of switching, routing, load balancing, and firewalling within the virtual environment. By using VMware NSX, an "overlay" network is created where advanced functions like the creation and destruction of networks, firewalls, and load balancers is performed in seconds. Learn more about **VMware NSX**.

Racks, cabinets, and UPSs help organize, secure, and power Aruba wired and wireless networking solutions. These are available to purchase using E-rate subsidies. **Learn more**.

Optimize your network and stay ahead of the curve
Feature-rich E-rate-eligible solutions from Aruba deliver cost-effective, high-performance networking capabilities that make your job easier while enabling dynamic learning opportunities for your students.

- Expand your networking capabilities and do more with feature-rich solutions. Our comprehensive—yet cost-effective—enterprise-grade technology delivers better performance, reliability, and security.

- Stretch your Category 2 budget dollars further. Get enterprise-grade capabilities that drive cost-effective operation over time. Save time and money through simplified management. Avoid mandatory annual subscription fees.

- Simplify network and security management. Our multivendor policy and network management platform is vendor-agnostic and designed to streamline operations and speed your efforts.

- Futureproof your network with a solution that easily integrates other vendor technologies and includes a limited lifetime warranty. The Aruba solution does not lock you into proprietary features and functionality. You are free to change and evolve your network without losing access to the equipment you own.

- Safeguard your network with enterprise-grade security that is also simple to implement.

- Experience unprecedented choice and flexibility with multiple deployment/management options. Aruba is the only networking vendor that offers a virtual controller, cloud-based controller, and on-premise controller—all using the same access point. There's no need to change out the access point depending on the management system you want to use.

Find out more

Drive student success with a smarter network that enables fluid, roaming, and collaborative learning opportunities. Contact your HPE sales representative or email **erate@hpe.com** for information or assistance with the E-rate process today.

Learn more at
hpe.com/info/erate

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