

Connected Learning with Cambium Networks: E-Rate Resource Guide



Today's educational multimedia enables students to reach beyond the classroom, so the entire school campus needs to be connected. For K-12 schools, students learn based on personalized lesson plans, and teachers and parents collaborate online. Connectivity also supports the work of administrators and staff, video security, and gathering areas.

How does E-Rate Work?

The [FCC's E-Rate Program](#) allows for eligible schools and libraries with funding from the [Universal Service Fund](#) to activate digital learning and stay connected with telecommunications and information services made affordable.

The [E-Rate Program holds two categories](#) for funding. Category 1 Services include Broadband and Internet Access where Category 2 Services cover Wi-Fi Infrastructure needs.

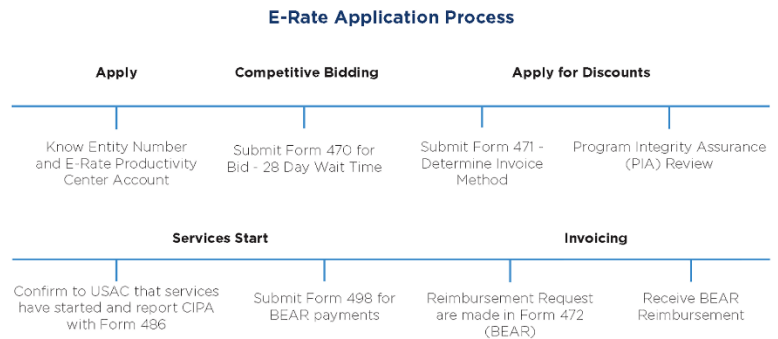
Where do I start?

Applicants must first have an [Entity Number](#) and an [E-Rate Productivity Center Account](#).

Cambium Networks is here to help

Contact a Cambium Networks Representative for questions on E-Rate at digital@cambiumnetworks.com.

How does the Application Process work?



[View the complete USAC Application Chart](#)

How do I calculate my funds?

C2 Budget is calculated by number of students in a school multiplied by a specific dollar figure. C2 budgets are pre-discount five-year plans based on the number of students in your school. [Learn more about calculating your C2 Funds.](#)

Entity Type	FY2019 Pre-Discount C2 Budget Calculation
School	(Total number of students) x \$159.67
Libraries IMLS Locale Code 11, 12, 21	(Total square feet) x \$5.32
All other Libraries	(Total square feet) x \$2.45
Budget Floor FY2019	\$9,793.04

Cambium Networks Difference

Our cnPilot™ Wi-Fi Access Points (AP) support up to 256 users and 16 SSIDs to provide not only fair access to all users, but also traffic management and secure communication to distinct user groups.

With the 802.11ac coverage offered by the dual band cnPilot™ e400 for indoor locations and the e700 for outdoor installation, school Wi-Fi networks can reach all classrooms, learning centers, labs, and outdoor common areas.

cnPilot™ APs enable migration to the higher performance of 802.11ac without the high cost of new infrastructure or equipment licensing, reducing the subscription costs of low capacity leased lines with high-speed wireless broadband point-to-point links.

Eligible Products for E-Rate

+ [Fixed Wireless](#) for connecting buildings and/or outdoor assets (100% eligible for E-Rate reimbursement) [C1 Funding]

+ [Wi-Fi](#): Indoor Wi-Fi (e410) and **Outdoor Wi-Fi** (e700) products (100% eligible for E-Rate reimbursement) [C2 Funding]

+ [cnMaestro](#) - Cloud management platform (Free)

+ [cnMatrix](#) Enterprise **Switches** products (100% eligible for E-Rate reimbursement) [C2 Funding]

+WISP/MSP Install/Maintenance Services

Connecting the Unconnected

“Young people demand the most from Wi-Fi, especially students. cnPilot provides them the streaming video and file transfer they need, while also pleasing the school finance team who wants an affordable solution with a low total cost of ownership.” -Chong Wen Loong, Senior Manager, ROOTS Communications

Case Studies:

+ [Dunman Highschool](#) - Singapore

+ [Plymouth Joint School District](#) - Wisconsin

+ [Tickford Park Primary School](#) - England

Videos:

[E-Rate with Efficient Cambium Networks](#)
[cnPilot Wi-Fi Video](#)

Why Chose Cambium Networks:

Scalability - grow networks to thousands of subscribers without compromising performance

Security - multiple layers of security to protect information

Reliability - provide reliable connectivity under harsh conditions

