

# W1850 Series 5G Wideband Adapter

Indoor, dual-connectivity 5G/LTE adapter designed for fixed locations



**Passthrough Throughput: 2.3 Gbps**



**Dual Connectivity: 5G low/mid-band & Cat 20 LTE**



**LAN Connectivity: 2.5 GbE**



**Management: NetCloud**

Designed for branches that require the higher performance of Cat 20 LTE and low- and mid-band 5G, the Cradlepoint W1850 Series is an enterprise-class, dual connectivity 5G and LTE wireless adapter. The W1850 adapters can be paired with a Cradlepoint router in “captive modem mode” to provide virtual single-endpoint deployment, monitoring, and control. Or, the adapters can connect to a third-party router via an Ethernet connection to provide an instant WAN upgrade. Perform troubleshooting with NetCloud Remote Connect provides Out-of-Band and In-Band Management.

The Cradlepoint W1850 5G/LTE Wireless Adapter, made of stylized plastic is designed for indoor use.

## Key Features:

- 5G tools and value confirmation built into the NetCloud Platform
- Mobile wizard-based installation application for optimal set up and signal acquisition
- Dual Connectivity: Simultaneous 5G and LTE network connections
- “Captive modem mode” for singular router/adapter control and management
- Deep wireless analytics assisted by machine learning
- Carrier-class connectivity with multiple levels of test and recovery
- Adaptive to any networking and SD-WAN environment
- Zero-touch deployment and day-1 broadband without on-site IT staff
- Advanced Remote Management suite

## Hardware Specs

<b>Category</b>	Branch
<b>Cloud Management</b>	NetCloud
<b>5G Status</b>	Dual connectivity, 5G low/mid-band & Cat 20 LTE
<b>Form Factor</b>	Stylized Plastic
<b>Ethernet Ports</b>	2 x 2.5 GbE (LAN/WAN switchable)
<b>USB Ports</b>	1
<b>Serial Ports</b>	1 (RJ45)
<b>Dual-Modem Support</b>	No
<b>Cellular Standards</b>	PTCRB (U.S.), GCF (global)
<b>Required Carrier Certifications</b>	AT&T, T-Mobile, Verizon
<b>Regions</b>	North America, Latin America, Europe, Africa & Middle East, Asia-Pacific <i>See country and model availability</i>
<b>Public Safety Networks</b>	FirstNet Trusted; T-Mobile Connecting Heroes; Verizon Frontline <i>See data sheet for model applicability</i>
<b>Wi-Fi</b>	No
<b>GNSS/GPS</b>	Passive
<b>PoE</b>	802.3at
<b>Operating Temperature</b>	0 °C to 50 °C (32 °F to 122 °F)

## NetCloud for Branch Adapter

NetCloud Service for 5G/LTE Branch Adapter helps organizations stay connected for vital operations over a cellular network with rapid failover when needed and includes:

- Centralized endpoint management with insights and visual analytics
- 24x7 enterprise support and limited lifetime warranty
- On-demand training with Cradlepoint University

<b>Secure Remote Management &amp; Orchestration</b>	●
<b>Adapter Operating Modes (IP Passthrough, IP Passthrough with Inline Failover, NAT, Captive Modem)</b>	●
<b>Traffic Steering &amp; QoS</b>	●
<b>Diagnostics &amp; Troubleshooting</b>	●
<b>Insights, Alerts &amp; Dashboard Analytics</b>	●
<b>Extensibility (SDK, API, third-party integrations)</b>	●
<b>In-Band &amp; Out-of-Band Management</b>	●
<b>Real-Time Troubleshooting Tools</b>	●
<b>Cellular Health &amp; Modem Data-Usage Dashboards</b>	●
<b>Customized Failover Report</b>	●

● Included      ● Advanced

Learn more at [cradlepoint.com/w1850](https://cradlepoint.com/w1850)