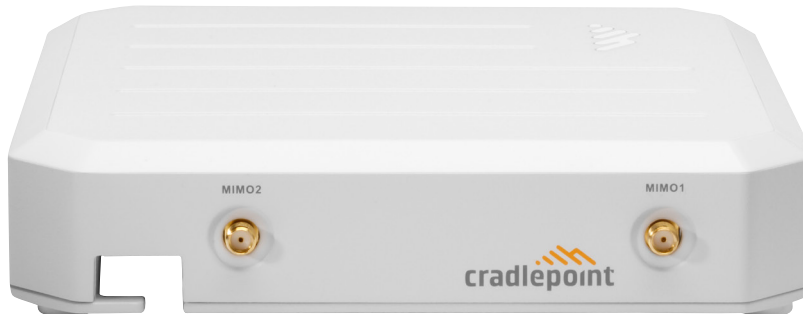# Cradlepoint W1850

Indoor, dual connectivity 5G/LTE wideband 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

Category	Branch
Cloud Management	NetCloud
5G Status	Dual connectivity, 5G low/mid-band & Cat 20 LTE
Form Factor	Stylized Plastic
Ethernet Ports	2 x 2.5 GbE (LAN/WAN switchable)
USB Ports	1
Serial Ports	1 (RJ45)
Dual-Modem Support	No
Cellular Standards	PTCRB (U.S.), GCF (global)
Required Carrier Certifications	AT&T, Verizon
Regions	Worldwide
Public Safety Networks	No
Wi-Fi	No
GNSS/GPS	Passive
PoE	802.3at
Operating Temperature	0 °C to 50 °C (32 °F to 122 °F)

NetCloud for Branch Adapter

NetCloud Service for 5G/LTE Branch Continuity 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

— 24×7 enterprise support and limited lifetime warranty

— On-demand training with Cradlepoint University

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

● *Included*　　● *Advanced*

Learn more at cradlepoint.com/w1850

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