

CBR450

Compact Broadband Router without WiFi

Performance, security and reliability for Machine-to-Machine (M2M) applications

FLEXIBLE, RELIABLE, SECURE

The CradlePoint Compact Broadband Router (CBR450) provides advanced support for distributed operations and emerging industries that require flexible, reliable and secure internet access such as temporary internet installations, additional network bandwidth or for kiosks, digital signage, and other Machine-to-Machine (M2M) applications, without WiFi.

FEATURE RICH

The CBR450 is a feature-rich business router in a small package that can operate in either router or bridge mode. Built for business applications like stationary remote internet access, you can rely on CradlePoint's advanced networking features like WiPipe Security, VPN termination, and failover/failback (which protects your network in case the primary data service fails) - keeping your business online.

Standard on the CBR450 are additional security features like Network Address Translation (NAT), URL filtering, Port Forwarding, and a built-in SPI firewall which prevent unauthorized use of your connection.

connect business applications
via 4G/3G mobile broadband
securely and affordably

EXTENSIVE MODEM SUPPORT

CradlePoint routers are built to work with most popular 4G/3G Modems from: AT&T, Bell Canada, Clearwire, Cricket, Rogers, Sprint, T-Mobile, Telus, US Cellular, Verizon Wireless, & Virgin Mobile.

(modem and service sold separately)

EXTENDING THE REACH OF MOBILE BROADBAND

4G/3G Mobile Broadband Routers are helping power the future of business. Digital signage, kiosks, utility and sensor monitoring, in-home health care, video surveillance, remote or teleworker offices, mobile fleet vehicles, POS systems, and corporate branch offices need reliable connections to the internet without a lot of infrastructure costs associated.

CradlePoint routers connect 4G/3G mobile broadband to your business needs with simplicity and ease, giving you the multiple connection options and data redundancy for piece of mind.



Why CBR450?

- **Simple Setup, No WiFi**
- **Small but Feature-Rich Business Router**
- **Perfect for Kiosk, ATM, or M2M applications**
- **Protect against network downtime with Configurable Redundancy Failover**
- **Works with 4G/3G USB & ExpressCard modems**

COMPACT BROADBAND ROUTER without WiFi: **CBR450**

Provides advanced support for distributed operations and emerging industries that require flexible, reliable and secure access such as temporary internet installations, additional network bandwidth or for kiosks, digital signage, and other Machine-to-Machine (M2M) applications.

4G/3G internet access

Enables internet access through 4G/3G mobile broadband networks

Supports most 4G/3G data modems from the leading carriers (sold separately)

Increase the speed & performance of your 4G/3G connection:
Place the CBR450 near a window and use the signal strength LEDs to determine where your 4G/3G reception is best

secure

Emits no WiFi to meet PCI, HIPPA, and other compliance requirements

Prevent unwanted access to connected computers/infrastructure

Includes WiPipe security features for safe internet access

Filter, Block and Ping your connected data source for maximum security

flexible

VPN support enables a laptop with a VPN client to create, manage, pass-through, and terminate a secure tunnel to corporate networks. (IPSec, L2TP, PPTP). Also, includes IPSec VPN termination and GRE Tunneling.

When multiple 4G/3G modems are connected to the CBR450, it will detect an internet outage on the primary connection and automatically switch to a secondary connection (aka: failover / failback)

additional features

Configure options for operation in either "router" or "bridge" mode

Bridge Mode facilitates direct IP Pass-Through

Router Mode provides full routing functionality including load balancing if multiple data sources are attached

Secure server-based centralized management available with WiPipe™ Central

Drop-in solution that is compatible with existing network infrastructure

Modem Health Management monitors connectivity of connected USB and ExpressCard modems. It provides tiers of recovery mechanisms, starting with software resets and escalating to hardware reset and full power cycle of connected modems

service, support, and warranty

Free firmware updates, phone, chat, and email technical support + one year hardware warranty. Up to two-year additional hardware warranty available

specifications

DATA IN: 4G/3G via USB 2.0 or ExpressCard Port

DATA OUT: 10/100 Ethernet Port

WIRELESS BROADBAND MODEMS: Most 4G/3G USB or ExpressCard Modems

CABLE/DSL/SAT MODEMS: Dynamic IP, Static IP, PPPoE, PPTP Connection

TEMPERATURE: 32°F to 122°F Operating / -4°F to 158°F Storage
0°C to 50°C Operating / -20°C to 70°C Storage

LED INDICATORS: Power, Ethernet Port Activity, USB Modem Status, ExpressCard Modem Status, 4G/3G Signal Strength

SIZE: 2.8-in x 4.8-in x 0.8-in (72mm x 122mm x 19mm) 3.5 oz (98g)

CERTIFICATIONS: FCC, CE, IC, RoHS

what's in the box

CBR450 Compact Broadband Router

Quick Start Guide

12V AC Power Adapter

requirements

Internet Service and Modem

Must have at least one of the following:
4G/3G USB or ExpressCard Wireless Broadband
Data Modem with Active Subscription

Attached Devices

Any Ethernet-enabled computer or device

Browser (to configure router)

Minimum of Firefox v2.0, Internet Explorer v7.0, Chrome, or Safari v1.0

router details

WAN Security NAT, SPI, ALG, inbound filtering of IP addresses, Port Blocking, Service Filtering (FTP, SMTP, HTTP, RPL, SNMP, DNS, ICMP, NNTP, POP3, SSH), Protocol filtering, WAN ping (allow/ignore)

Redundancy and Load Balancing

Failover/Failback with 4G/3G Modems, load balancing, WAN failure detection via ping

Intelligent Routing UPnP, DMZ, Virtual Server/Port Forwarding, Routing Rules, Route Management, Content Filtering, Website Filtering, Local DHCP server, DHCP Client, DNS, DNS Proxy, ALGs: PPTP, L2TP, PPPoE pass-through, IPSec pass-through, FTP (passive), FTP (active), MAC Address Filtering, Dynamic DNS

Management Remote WAN Web-based Management Access (HTTP, HTTPS), Web-based Router Management Interface, One-button firmware upgrade, USB firmware upgrade, Modem Configuration and Management

Performance & Health Monitoring

Traffic Shaping, WiPipe™ QoS, LAN port speed control, Modem Health Management (MHM) improves connectivity of 3rd-party USB and ExpressCard modems

VPN IPSec Termination and pass-through support for laptop-based VPN clients, includes GRE Tunneling

