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CBR400
Compact Broadband Router
Performance, security and reliability for Machine-to-Machine (M2M) applications

WiFi CERTIFIED®
dual stream n

FLEXIBLE, RELIABLE, SECURE

The CradlePoint Compact Broadband Router (CBR400) 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.

FEATURE RICH

The CBR400 is a feature-rich business router in a small package. Built for business applications like travel, mobile workgroups, or stationary remote internet access, you can rely on Cradle-Point's advanced networking features like WiPipe Security, VPN Termination, and Failover/Failback (which protects network uptime in case primary data service fails) - keeping your business online.

Standard on the CBR400 are additional security features such as multiple WiFi encryption modes (WEP, WPA, WPA2 Personal and Enterprise) and a built-in firewall, which prevent unauthorized use of your connection.

connect business applications to wireless or wired networks affordably and securely

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 multiple connection options and data redundancy that you need.

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Why CBR400?

- **Simple Setup**

- **Small but Feature-Rich Business Router**

- **Protect against network downtime with Configurable Redundancy Failover**

- **Create, Manage, & Terminate VPN Sessions**

- **Works with 4G/3G USB & ExpressCard modems**

COMPACT BROADBAND ROUTER: **CBR400**

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.

wireless or wired access

Enables wireless internet access through 4G/3G mobile broadband networks, existing WiFi, or Ethernet-based data services (Cable / DSL / Satellite)

Supports most wireless data modems from the leading carriers (sold separately)

Increase the speed & performance of your 4G/3G connection:
Place the CBR400 near a window and use the signal strength LEDs to determine where your 4G/3G reception is best

range and connection

Wireless "N" WiFi (802.11n + legacy 802.11b/g, 2x2 MIMO, 300 Mbps)

Up to 350-feet of WiFi Broadcast Range

Supports up to 16 WiFi Connections at a Time

Two WiFi Networks: 1 private SSID for owner, 1 public SSID for guests
Create a private, secure, and prioritized connection while sharing with others. Each network can have its own QoS priorities and security settings

One 10/100 Ethernet LAN/WAN Port

Special Feature: **Use WiFi as a Data Source.**
"WiFi-as-WAN" mode enables the CBR400 to become a WiFi repeater (using existing WiFi to create secure connections) or use as a WiFi-to-Ethernet adapter for non-WiFi devices

secure

Create secure WiFi with best-in-class encryption (WPA2 with AES)

Prevent unwanted access to connected computers

Includes security features for safer internet access

Configure the router to hide your WiFi network name to limit access

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 internet sources (4G/3G/cable/DSL/satellite modems) are connected to the CBR400, it will detect an internet outage on the primary connection and automatically switch to a secondary connection (aka: failover / failback)

Bridge Mode Option provides IP pass-through

Includes WiFi hotspot services / captive portal / walled garden feature

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 Port or ExpressCard, 10/100 Ethernet Port, WiFi

DATA OUT: WiFi (802.11 b/g/n), 10/100 Ethernet Port (WAN/LAN Switchable) Ethernet Port Defaults To LAN (Data Out)

WIRELESS BROADBAND MODEMS: Most 4G/3G USB & ExpresCard Modems

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

TEMPERATURE: 32°F to 104°F Operating / -4°F to 158°F Storage
0°C to 40°C Operating / -20°C to 70°C Storage

LED INDICATORS: Power, Ethernet Port Activity, WiFi Broadcast
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, WiFi Alliance, RoHS

what's in the box

CBR400 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, Cable, DSL, Satellite modem, or available WiFi

Attached Devices
Any WiFi-enabled or Ethernet-enabled computer or device (802.11n recommended for best performance)

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/Cable/DSL or Satellite 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 & Heath Monitoring Traffic Shaping, WiPipe™ QoS, SSID-based priority, WAN port speed control, Modem Health Management (MHM) improves connectivity of USB and ExpressCard modems

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

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