Cradlepoint IBR200 Series

Semi-ruggedized, compact 4G LTE router for IoT applications

Firewall Throughput: 60 Mbps

WAN Connectivity: 4G Cat 1

LAN Connectivity: Wi-Fi 4, FE

NetCloud Solution: IoT

The purpose-built router

The semi-ruggedized Cradlepoint IBR200 Series IoT router is designed for secure, cloud-managed IoT networking. The IBR200 enables the use of low-cost M2M/IoT data plans from cellular carrier/operators, and with NetCloud Perimeter, addresses the biggest gap in IoT: security.

With compact size, external mobile broadband and Wi-Fi antennas, and the capabilty to operate in a wide temperature range, the Cradlepoint IBR200 is ideal for use in IoT applications like plant and machinery controls, surveillance cameras, digital signs, kiosks, and ATMs.

Key Features:

— Low-cost with industry-leading security features for value-driven IoT networking solution

— NetCloud Perimeter and advanced security for PCI-compliant networking of vulnerable IoT devices

— Embedded Category 1 modem for cost-effective connectivity

— Semi-ruggedized for wider deployment options

— Comprehensive 24x7 support included for business-critical applications

— Extensibility with GPIOs and NetCloud API and SDK for custom solutions

Hardware Specs

Category	IoT
Cloud Management	Yes
Wireless Connectivity	LTE
5G Status	None
Form Factor	Metal
Ethernet Ports	1 FE (LAN only)
USB Ports	1
Serial Ports	0
Dual-Modem Support	No
Cellular Standards	PTCRB, GCF
Network Operator Certifications	Certified: AT&T, Verizon, Sprint Supported: T-Mobile, Rogers, Bell, TELUS, Vodafone, Telstra
Regions	North America, Europe/Middle East/Africa, Asia-Pacific
Public Safety Networks	No
Firewall Throughput	60 Mbps
VPN Tunnel Count	2
Wi-Fi	802.11 b/g/n (Wi-Fi 4)
GNSS/GPS	Passive
PoE	No
Operating Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Rack mountable	No

NetCloud Comparison for IoT

Cradlepoint IBR200 Series router is part of a NetCloud IoT Package, an all-inclusive networking service comprised of support, hardware, and software services.

— Business intelligence and remote cloud management

— Purpose-built hardware

— 24×7 enterprise support and limited lifetime warranty

Secure Remote Management & Orchestration	🔵
Dynamic Routing Protocols, Traffic Steering & QoS	🔵
Zone-Based Firewall & VPN	🔵
Diagnostics & Troubleshooting	🔵
Insights, Alerts & Dashboard Analytics	🔵
Extensibility (SDK, API, third-party integrations)	🔵
Secure Overlay Perimeter Network	🔵
In-Band & Out-of-Band Management	🟡
Real-Time Troubleshooting Tools	🟡
Cellular Health & Modem Data-Usage Dashboards	🟡
IoT Ecosystem Integration (Microsoft Azure IoT Central)	🟡
Location Services	🟡

🔵 *Essentials*   🟡 *Advanced*

Learn more at cradlepoint.com/ibr200

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