

Ericsson Cradlepoint E100

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The Ericsson Cradlepoint E100 enterprise router provides small footprint locations with the same networking, optimization, security, and ease of management that supports larger locations. The all-in-one endpoint includes full-featured routing, switching, and Wi-Fi, making it easy to connect and maintain connectivity to the internet for supporting crucial business applications. Additional capabilities for zero trust security and SD-WAN are available through NetCloud Exchange to provide confidence in connecting and securing peripheral devices such as IoT and point of sale (PoS). The embedded 5G or LTE modem means that reliable, connectivity is always available from day one without waiting for a wired connection.

Ideal for Small Branch Wireless WAN

For organizations requiring a Wireless WAN in small offices, the E100 offers the ability to pair 5G or LTE with a wired link and use a cellular link as a failover connection, hybrid WAN or a primary connection. The E100 combines this reliable routing with integrated switching and Wi-Fi to securely connect local devices for an all-in-one network. Combined with the scalable NetCloud, which makes managing cellular networks intuitive and insightful.

5G, SD-WAN, and Security Integration

The E100 router adds a 5G modem with the latest 5G standards to offer agile and reliable connections on an essential WAN infrastructure. Cellular intelligence and SD-WAN make it easy to deploy 5G-enabled networks while optimizing both cellular and wired traffic to enhance application performance. Security postures can be reinforced, and attack surfaces minimized with zero trust privileged access, protected IP addresses, detailed security policies and consolidated authentication usage.

Additionally, the E100 router can serve as the user equipment router for private cellular networks that provide reliable local area network connectivity where wireless LAN fails to meet the network needs due to large areas or excessive congestion.

Notable Benefits

- Connect to the internet or applications anywhere with all-wireless 5G using the latest standards or LTE connectivity.
- Open small offices, pop-ups and temporary locations without compromising security or reliability with a secure all-in-one design and compact form factor.
- Maximize uptime with both onboard failover from wired to wireless as well as optional battery backup in case of a power failure.
- Gain confidence in deploying communications, IoT and point of sale (POS) devices in small offices - much like what's expected in larger offices with 5G SASE.
- Reduce network attack surface, build encrypted tunnels, and incorporate zero trust principles with Secure Connect and Zero Trust Network Access.
- Define policies through centralized, cloudbased management for easy deployment at scale.
- Use zero-touch deployment with preconfigured router and pre-inserted SIM to speed installation.





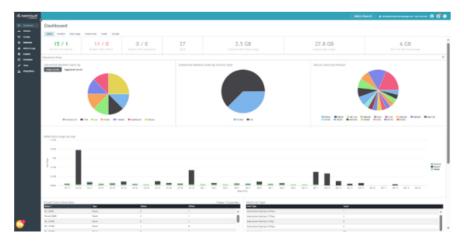


Key Software Capabilities

Ericsson NetCloud Service for small branch provides everything needed to connect the small offices to corporate applications and services from virtually any location. The Ericsson NetCloud Service includes cloud-based management for optimizing routing, VPN, traffic steering, and security capabilities. The cloud capabilities include defining and applying policies, at-a-glance status insights, reports, troubleshooting, and analytics dashboards. The service includes a warranty for as long as there is an active subscription on the router, online training, live and online support, and all software and firmware updates.

Deployment Capabilities

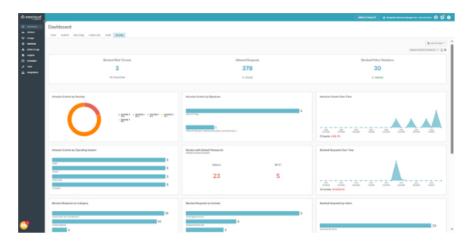
Zero-touch deployment features allow pre-configured and pre-activated equipment to arrive on location, so an employee can power up an E100 router, locate the best cellular connection path, and instantly setup the pre-established office parameters through the Ericsson NetCloud Service, upon authentication.



Security Services

Ericsson NetCloud Service includes integrated security features to optimize an E100 router to scale to the security needs of distributed environments. The service includes stateful zone-based and application-aware firewall, IDS/IPS, and authenticated wireless connection that is fully isolated from the surrounding networks.





Hardware Specifications

The following features are delivered through the hardware.

INTERFACES				
Modem:	One of the following:			
	 Embedded 5G FR1 NSA/SA 3GPP release 16 and 4G LTE Category 19 modem, including 4 x SMA cellular antenna connectors 			
	 Embedded Cat 4 LTE modem, including 2 x SMA cellular antenna connectors 			
	 Embedded Cat 7 LTE modem, including 2 x SMA cellular antenna connectors 			
Ethernet:	5 x GbE RJ45 (LAN/WAN switchable)			
Wi-Fi:	Dual-radio, dual-band, concurrent operation (2.4 GHz and 5 GHz)			
	2x2 MU-MIMO 802.11ac Wi-Fi 5 with DFS			
	 300 Mbps (2.4 GHz) and 867 Mbps (5 GHz) 			
	 Up to 248 Wi-Fi connections (124 per radio - 2.4 GHz and 5 GHz) 			
	 Internal 2x2 antenna 			
	 WPA/WPA2/WPA3 Personal, WPA/WPA2/WPA3 Enterprise, Open 			
	Wi-Fi Alliance Certified			
Expansion:	1 x USB 2.0 Type A (Output: 5 V, 500 mA, 2.5 W)			
GNSS/GPS:	E100-5GC			
	 Passive GNSS (muxed with external cellular antennas) 			
	E100-C4D and E100-C7C			
	1 x SMA GNSS antenna connector			
ENVIRONMENTAL				
Temperature:	 Operating: 0 °C to 40 °C (32 °F to 104 °F) Storage: -20 °C to 70 °C (-4 °F to 158 °F) 			



Humidity:	Operating: 10% to 90%			
	Storage: 5% to 95%			
POWER				
Required:	External power supply (included)			
	 Input: 100-240 VAC 1 A 			
	Output: 12 VDC 3 A			
Backup:	E100-5GC			
	 Up to 1 optional backup battery 			
	E100-C4D and E100-C7C			
	 Up to 2 optional backup batteries 			
Consumption:	E100-5GC			
	— Idle: 4 W			
	— Idle Charging 1 Battery: 10 W			
	Typical Usage with Charging 1 Battery: 19.5 W			
	Heavy Usage with Charging 1 Battery: 22 W			
	,,,,			
	E100-C4D and E100-C7C			
	→ Idle: 4 W			
	 Idle Charging 1 Battery: 10 W 			
	 Idle Charging 2 Batteries: 16 W 			
	 Typical Usage with Charging 2 Batteries: 18 W 			
	 Heavy Usage with Charging 2 Batteries: 20 W 			
PHYSICAL				
Size:	135 × 270 × 48 mm (5.3 × 10.6 × 1.9 in)			
Weight:	E100-5GC			
	— .83 kg (1 lb 13 oz)			
	E100-C4D and E100-C7C			
	— .68 kg (1 lb 8 oz)			
RELIABILITY				
Calculated MTBF:	 E100-5GC: 527,789 hours (Telcordia SR332 at 25 °C) 			
	 E100-C4D and E100-C7C: 673,341 hours (Telcordia SR332 at 25 °C) 			
CERTIFICATIONS				



Safety:	— UL/cUL 62368-1
	■ IEC 62368-1
	 CB Scheme
Materials:	— California Prop 65
	— REACH
	— RoHS
	— TSCA
	— WEEE
Security:	Secureboot
CLOUD SERVICES	
Service Plans:	NetCloud Service for Small Branch
Service Add-Ons:	NetCloud Exchange, NetCloud Advanced
Support:	NetCloud Packages include support for the full subscription term.
Warranty:	All Cradlepoint hardware products are covered by a limited lifetime warranty for as long as they have a
	subscription license to an active NetCloud Service Plan.
Device Management:	NetCloud Manager for the full subscription term.
Software Updates:	NetCloud Manager for the full subscription term.
WI-FI POWER	
FCC:	— 2412-2462 MHz (2.4 GHz): 29.4 dBm EIRP
1 66.	— 5150–5250 MHz (5 GHz band 1): 29.85 dBm EIRP
	— 5250-5350 MHz (5 GHz band 2a): 27.91 dBm EIRP
	— 5470-5725 MHz (5 GHz band 2c): 27.62 dBm EIRP
	— 5745—5850 MHz (5 GHz band 3): 29.91 dBm EIRP
IC:	 2412-2462 MHz (2.4 GHz): 29.4 dBm EIRP
	 5150-5250 MHz (5 GHz band 1): 25.46 dBm EIRP
	 5250-5350 MHz (5 GHz band 2a): 22.94 dBm EIRP
	 5470-5725 MHz (5 GHz band 2c): 27.59 dBm EIRP
	 5745-5850 MHz (5 GHz band 3): 29.91 dBm EIRP
CE:	E100-5GC
	 2412-2472 MHz (2.4 GHz): 19.94 dBm EIRP
	 5180-5240 MHz (5 GHz band 1): 22.22 dBm EIRP
	 5260-5320 MHz (5 GHz band 2a): 22.57 dBm EIRP
	 5500-5700 MHz (5 GHz band 2c): 26.26 dBm EIRP
	E100-C4D and E100-C7C
	— N/A
PERFORMANCE [†]	
Stateful Firewall Throughput:	850 Mbps
IPS Throughput:	250 Mbps
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Application Aware Services &	250 Mbps		
Analytics:			
IPSec VPN Throughput:	40 Mbps		
Concurrent VPN Tunnels:	20		
Concurrent Sessions (TCP):	32,000		
Typical Client Count:	25 (up to 248 Wi-Fi connections ^{††})		
Layer 2 / Layer 3 VLANs:	Up to 64		
LEDs			
	See the E100 Router Quick Start Guide or the E100-5GC Enterprise Router Quick Start Guide.		
E100 BATTERY (OPTIONAL)			
Size:	120.5 x 81 x 24.5 mm (4.7 x 3.2 x 1.0 in)		
Weight:	.35 kg (12.2 oz)		
Chemistry:	Lithium-ion		
Capacity:	7800 mAh		
Voltage:	Nominal: 7.2 VMaximum: 8.4 V		
Estimated Runtime:	E100-5GC		
	 Single Battery: Up to 8 hours 		
	E100-C4D and E100-C7C		
	 Single Battery: Up to 8 hours 		
	 Dual Batteries: Up to 16 hours 		

[†]Performance testing conducted based on requirements as defined in RFC2544 using fixed-frame 1518-byte packets. Throughput results reflect uni-directional UDP traffic with less than 1% packet loss as tested with wired connections. Results do not reflect performance of the cellular wireless operator networks.

Enterprise-Class Modem Specifications

SPECIFICATION	E100-C4D
Technology:	Cat 4 LTE (3GPP Rel. 11)
	 Dual SIM slots, 2FF form factor SIM-based auto-carrier selection
3G:	WCDMA/UMTS/HSPA+
Carrier Aggregation:	N/A
Peak Download Rates:	LTE: 150 MbpsWCDMA: 42.2 Mbps

^{††}Wi-Fi connections refer only to client association with the Wi-Fi radios and do not reflect overall endpoint performance and scale.



Peak Uplink Rates:	LTE: 50 Mbps		
	─ WCDMA: 5.76 Mbps		
MIMO:	2x2 MIMO		
Modulation:	C4D FR1		
	Downlink: Up to 64 QAM		
	— Uplink: Up to 64 QAM		
4G/LTE Bands:	FDD		
	— B2 (1900), B4 (1700), B5 (850), B12 (700), B13 (700), B14 (700), B66 (1700), B71 (600)		
5G NR Bands:	N/A		
3G Bands:	B2, B4, B5		
Power:	LTE 23 dBm ± 1; HSPA+ 23 dBm ± 1 (typical conducted)		
Antennas:	SMA female connectors, external 600 MHz - 6 GHz cellular paddle antennas (Qty 2, included)		
GNSS/GPS:	Active GNSS		
SMS:	Yes		
Regulatory:	FCC (U.S.), IC (Canada)		
Network Operator Standards:	PTCRB (U.S., Canada)		
GCF Global Operators:	https://www.globalcertificationforum.org/membership/gcf-members.html [†]		
PTCRB North America Operators:	https://www.ptcrb.com/about/		
Network Operator Certifications:	AT&T, Verizon†		
Public Safety Network Certifications:	FirstNet Trusted™		
Private Cellular Network:	N/A		

†Cellular carriers and operators throughout the world may only require telecom industry certifications, like PTCRB or GCF, to operate on their network. Some carriers require additional testing and approval, beyond telecom certifications. A carrier listed in the approvals section means Cradlepoint completed additional testing and acquired technical approval for that given carrier. Any carrier not listed may not require additional testing or approval beyond telecom industry certifications to operate on their network.

SPECIFICATION	E100-C7C
Technology:	Cat 7 LTE (3GPP Rel. 11)
	 Dual SIM slots, 2FF form factor
	 SIM-based auto-carrier selection
3G:	WCDMA/UMTS/HSPA+
Carrier Aggregation:	Up to 2 x CA downlink, 2 x CA uplink
55 5	See Understanding Carrier Aggregation.
Peak Downlink Rates:	■ LTE: 300 Mbps
	→ WCDMA: 42.2 Mbps
Peak Uplink Rates:	— LTE: 150 Mbps
	— WCDMA: 5.76 Mbps



MIMO:	2x2 MIMO	
Modulation:	C7C FR1	
	Downlink: Up to 64 QAM	
	— Uplink: Up to 64 QAM	
4G/LTE Bands:	FDD	
	 B2 (1900), B4 (1700), B5 (850), B7 (2600), B12 (700), B13 (700), B14 (700), B25 (1900), B26 (850), B66 (1700), B71 (600) 	
	TDD	
	— B41 (2500), B42 (3500), B43 (3700), B48 (3500)	
5G NR Bands:	N/A	
3G Bands:	B2, B4, B5	
Power:	LTE 23 dBm ± 1, DC-HSPA+ 23 dBm ± 1 (typical conducted)	
Antennas:	SMA female connectors, external 600 MHz - 6 GHz cellular paddle antennas (Qty 2, included)	
GNSS/GPS:	Active GNSS	
SMS:	Yes	
Regulatory:	FCC (U.S.), IC (Canada)	
Network Operator Standards:	PTCRB (U.S., Canada)	
GCF Global Operators:	https://www.globalcertificationforum.org/membership/gcf-members.html†	
PTCRB North America Operators:	https://www.ptcrb.com/about/	
Network Operator Certifications:	AT&T, Verizon, Bell (pending)†	
Public Safety Network Certifications:	FirstNet Capable™	
Private Cellular Network:	Yes, includes FCC Part 96 (CBRS Band 48)	

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SPECIFICATION	E100-5GC
Technology:	 5G FR1 NSA/SA LTE Advanced Pro Category 19 fallback Dual SIM slots, 4FF form factor 3GPP Release 16
3G:	UMTS/HSPA+



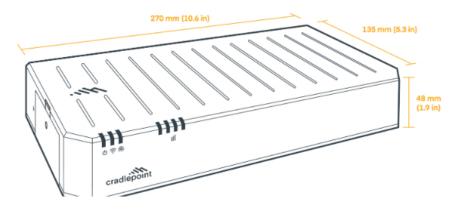
	Carrier Aggregation:	LTE Only
- Downlink: Up to 2CA (LTE) + Up to 1CA (5G NR) - Uplink: Up to 2CA (LTE) + Up to 2CA (5G NR) 5G NR Only - Downlink: Up to 2CA - Uplink: 1CA See Understanding Carrier Aggregation. Peak Rates: NSA - Downlink: Up to 3.4 Gbps - Uplink: Up to 550 Mbps SA - Downlink: Up to 456 Mbps - Uplink: Up to 456 Mbps LTE - Downlink: Up to 16 Gbps - Uplink: Up to 16 Gbps - Uplink: Up to 200 Mbps MIMO: 4x4 MIMO Modulation: 5GC FR1 - Downlink: Up to 256 QAM - Uplink:		
- Uplink: Up to 2CA (LTE) + Up to 2CA (5G NR) 5G NR Only - Downlink: Up to 2CA - Uplink: 1CA See Understanding Carrier Aggregation. Peak Rates: NSA - Downlink: Up to 3.4 Gbps - Uplink: Up to 550 Mbps SA - Downlink: Up to 450 Mbps LTE - Downlink: Up to 450 Mbps LTE - Downlink: Up to 200 Mbps MIMO: 4x4 MIMO Modulation: 5GC FR1 - Downlink: Up to 256 QAM - Uplink: Up to 256 QAM -		LTE + 5G NR ENDC
- Downlink: Up to 2CA - Uplink: LQA See Understanding Carrier Aggregation. Peak Rates: NSA - Downlink: Up to 3.4 Gbps - Uplink: Up to 550 Mbps SA - Downlink: Up to 2.4 Gbps - Uplink: Up to 450 Mbps LTE - Downlink: Up to 450 Mbps LTE - Downlink: Up to 1.6 Gbps - Uplink: Up to 200 Mbps MIMO: 4x4 MIMO Modulation: 5GC FR1 - Downlink: Up to 256 QAM - Uplink: Up to 256 QAM - Uplink: Up to 256 QAM - Uplink: Up to 256 QAM 4G/LTE Bands: FDD - B1 (2100), B2 (1900), B3 (1800), B4 (1700), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B14 (700), B17 (700), B18 (850), B19 (850), B20 (800), B25 (1900), B26 (850), B28 (700), B29 (700), B30 (2300), B32 (1500), B66 (1700), B71 (600) TDD - B34 (2000), B38 (2600), B39 (1900), B40 (2300), B41 (2500), B42 (3500), B43 (3700), B46 (5200), B48 (3500)		
- Uplink: 1CA See Understanding Carrier Aggregation. Peak Rates: NSA - Downlink: Up to 3.4 Gbps - Uplink: Up to 550 Mbps SA - Downlink: Up to 2.4 Gbps - Uplink: Up to 450 Mbps LTE - Downlink: Up to 1.6 Gbps - Uplink: Up to 2.90 Mbps MIMO: 4x4 MIMO Modulation: 5GC FR1 - Downlink: Up to 256 QAM - Uplink: Up to 256 QAM - Uplink: Up to 256 QAM - Uplink: Up to 256 QAM - To Downlink: Up to 256 QAM - Uplink: Up to 256 QAM - Uplin		5G NR Only
Peak Rates: NSA Downlink: Up to 3.4 Gbps Uplink: Up to 550 Mbps SA Downlink: Up to 2.4 Gbps Uplink: Up to 450 Mbps LTE Downlink: Up to 1.6 Gbps Uplink: Up to 200 Mbps MIMO: 4x4 MIMO Modulation: SGC FR1 Downlink: Up to 256 QAM Uplink: Up to 256 QAM Uplink: Up to 256 QAM B1 (2100), B2 (1900), B3 (1800), B4 (1700), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B14 (700), B17 (700), B18 (850), B19 (850), B20 (800), B25 (1900), B26 (850), B28 (700), B29 (700), B30 (2300), B32 (1500), B66 (1700) B71 (600) TDD B34 (2000), B38 (2600), B39 (1900), B40 (2300), B41 (2500), B42 (3500), B43 (3700), B46 (5200), B48 (3500)		
— Downlink: Up to 3.4 Gbps — Uplink: Up to 550 Mbps SA — Downlink: Up to 2.4 Gbps — Uplink: Up to 450 Mbps LTE — Downlink: Up to 1.6 Gbps — Uplink: Up to 200 Mbps MIMO: 4x4 MIMO Modulation: 5GC FR1 — Downlink: Up to 256 QAM — Uplink: Up to 256 QAM — Uplink: Up to 256 QAM — Uplink: Up to 256 QAM 4G/LTE Bands: FDD — B1 (2100), B2 (1900), B3 (1800), B4 (1700), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B14 (700), B17 (700), B18 (850), B19 (850), B20 (800), B25 (1900), B26 (850), B28 (700), B29 (700), B30 (2300), B32 (1500), B66 (1700), B71 (600) TDD — B34 (2000), B38 (2600), B39 (1900), B40 (2300), B41 (2500), B42 (3500), B45 (3700), B46 (5200), B48 (3500)		See Understanding Carrier Aggregation.
— Uplink: Up to 550 Mbps SA — Downlink: Up to 2.4 Gbps — Uplink: Up to 450 Mbps LTE — Downlink: Up to 1.6 Gbps — Uplink: Up to 200 Mbps MIMO: 4x4 MIMO Modulation: 5GC FR1 — Downlink: Up to 256 QAM — Uplink: Up to 256 QAM — Uplink: Up to 256 QAM 4G/LTE Bands: FDD — B1 (2100), B2 (1900), B3 (1800), B4 (1700), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B14 (700), B17 (7 B18 (850), B19 (850), B20 (800), B25 (1900), B26 (850), B28 (700), B29 (700), B30 (2300), B32 (1500), B66 (1700) B71 (600) TDD — B34 (2000), B38 (2600), B39 (1900), B40 (2300), B41 (2500), B42 (3500), B43 (3700), B46 (5200), B48 (3500)	Peak Rates:	NSA
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Modulation: 5GC FR1 — Downlink: Up to 256 QAM — Uplink: Up to 256 QAM 4G/LTE Bands: FDD — B1 (2100), B2 (1900), B3 (1800), B4 (1700), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B14 (700), B17 (7 B18 (850), B19 (850), B20 (800), B25 (1900), B26 (850), B28 (700), B29 (700), B30 (2300), B32 (1500), B66 (1700) B71 (600) TDD — B34 (2000), B38 (2600), B39 (1900), B40 (2300), B41 (2500), B42 (3500), B43 (3700), B46 (5200), B48 (3500)		
 Downlink: Up to 256 QAM Uplink: Up to 256 QAM 4G/LTE Bands: FDD B1 (2100), B2 (1900), B3 (1800), B4 (1700), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B14 (700), B17 (7 B18 (850), B19 (850), B20 (800), B25 (1900), B26 (850), B28 (700), B29 (700), B30 (2300), B32 (1500), B66 (1700) B71 (600) TDD B34 (2000), B38 (2600), B39 (1900), B40 (2300), B41 (2500), B42 (3500), B43 (3700), B46 (5200), B48 (3500) 	MIMO:	4x4 MIMO
 Uplink: Up to 256 QAM 4G/LTE Bands: FDD B1 (2100), B2 (1900), B3 (1800), B4 (1700), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B14 (700), B17 (7 B18 (850), B19 (850), B20 (800), B25 (1900), B26 (850), B28 (700), B29 (700), B30 (2300), B32 (1500), B66 (1700) B71 (600) TDD B34 (2000), B38 (2600), B39 (1900), B40 (2300), B41 (2500), B42 (3500), B43 (3700), B46 (5200), B48 (3500) 	Modulation:	5GC FR1
 B1 (2100), B2 (1900), B3 (1800), B4 (1700), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B14 (700), B17 (7 B18 (850), B19 (850), B20 (800), B25 (1900), B26 (850), B28 (700), B29 (700), B30 (2300), B32 (1500), B66 (1700) B71 (600) TDD B34 (2000), B38 (2600), B39 (1900), B40 (2300), B41 (2500), B42 (3500), B43 (3700), B46 (5200), B48 (3500) 		
B18 (850), B19 (850), B20 (800), B25 (1900), B26 (850), B28 (700), B29 (700), B30 (2300), B32 (1500), B66 (1700) B71 (600) TDD B34 (2000), B38 (2600), B39 (1900), B40 (2300), B41 (2500), B42 (3500), B43 (3700), B46 (5200), B48 (3500)	4G/LTE Bands:	FDD
— B34 (2000), B38 (2600), B39 (1900), B40 (2300), B41 (2500), B42 (3500), B43 (3700), B46 (5200), B48 (3500)		— B1 (2100), B2 (1900), B3 (1800), B4 (1700), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B14 (700), B17 (700), B18 (850), B19 (850), B20 (800), B25 (1900), B26 (850), B28 (700), B29 (700), B30 (2300), B32 (1500), B66 (1700), B71 (600)
		TDD
5G NR Bands: NSA and SA		— B34 (2000), B38 (2600), B39 (1900), B40 (2300), B41 (2500), B42 (3500), B43 (3700), B46 (5200), B48 (3500)
	5G NR Bands:	NSA and SA
— n1 (2100), n2 (1900), n3 (1800), n5 (850), n7 (2600), n8 (900), n12 (700), n13 (700), n14 (700), n18 (850), n20 (800 n25 (1900), n26 (850), n28 (700), n29 (700), n30 (2300), n38 (2600), n40 (2300), n41 (2500), n48 (3500), n66 (1700/2100), n70 (2000), n71 (600), n75 (1500), n76 (1500), n77 (3700), n78 (3500), n79 (4900)		



3G Bands:	B1, B2, B4, B5, B8, B19			
Power:	LTE			
	LTE bands: 23 dBm ± 2 (typical conducted)			
	LTE HPUE bands: 26 dBm ± 2 (typical conducted)			
	= ETETH OF Bullad. 20 abilit 2 (typical conduction)			
	5G NR			
	 5G NR bands: 23 dBm ± 2 (typical conducted) 			
	5G NR HPUE bands: 26 dBm ± 2 (typical conducted)			
	,			
Antennas:	SMA female connectors, external 600 MHz - 6 GHz cellular paddle antennas (Qty 4, included)			
GNSS/GPS:	Passive GNSS (multiplex with antenna ports 2 and 4)			
	 GPS, GLONASS, BeiDou, Galileo, QZSS 			
	— 01 5, 51517155, Belbou, Guillet, 4255			
SMS:	Yes			
Regulatory:	FCC (U.S.), IC (Canada), CE (EU), RCM (AU/NZ), UKCA (UK)			
Network Operator	PTCRB (U.S., Canada), GCF (Worldwide)			
Standards:				
GCF Global	https://www.globalcertificationforum.org/membership/gcf-members.html†			
Operators:				
PTCRB North	https://www.ptcrb.com/about/			
America Operators:				
Network Operator	AT&T, T-Mobile, Verizon [†]			
Certifications:				
Public Safety	N/A			
Network				
Certifications:				
Private Cellular	Yes, includes FCC Part 96 (CBRS Band 48)			
Network:				

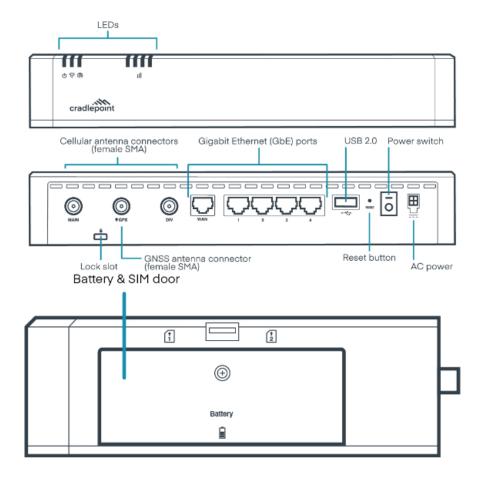
[†]Cellular carriers and operators throughout the world may only require telecom industry certifications, like PTCRB or GCF, to operate on their network. Some carriers require additional testing and approval, beyond telecom certifications. A carrier listed in the approvals section means Cradlepoint completed additional testing and acquired technical approval for that given carrier. Any carrier not listed may not require additional testing or approval beyond telecom industry certifications to operate on their network.

Physical Measurements & Features

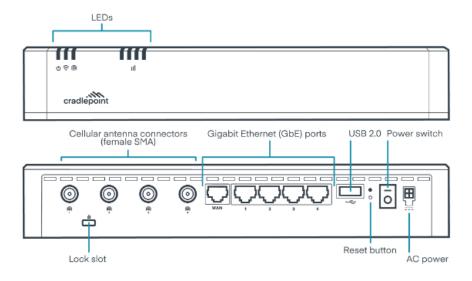




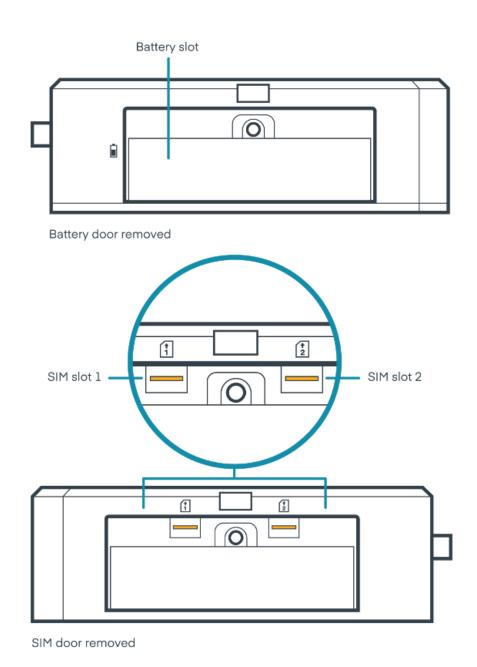
Features — E100-C4D/C7C



Features — E100-5GC







SIM Card Info — E100-C4D/C7C



SIM Card Info — E100-5GC





Ordering Guide

Ericsson NetCloud Service Small Branch Essentials + Advanced packages and plans contain all the features and capabilities required for remote or virtual workers. Ericsson NetCloud packages include 24x7 support (phone support: 24-hour weekdays with emergency response on weekends, web: 24x7, chat: 24x5) and a limited lifetime warranty.

For additional capabilities, an **Ericsson NetCloud Service Small Branch Advanced plan** can be added to the Ericsson NetCloud Small Branch Essentials package at any time.

See additional details of what is included in the Ericsson NetCloud software: cradlepoint.com/netcloud-service

Ericsson NetCloud Small Branch Packages for the E100 Router

REGION	MODEM	PACKAGE PLAN	PART NUMBER
North America:	5G with Wi-Fi	Essentials	BK0x-01005GC-GN
U.S & Canada		Essentials + Advanced	BKAx-01005GC-GN
	Cat 7 (300 Mbps) with	Essentials	BK0x-0100C7C-GN
	Wi-Fi	Essentials + Advanced	BKAx-0100C7C-GN
United States:	Cat 7 (300 Mbps) with	Essentials + Advanced	TAA-BKAx-0100C7C-
Federal Government	Wi-Fi		GN
Rest of World: Australia, European Union, New Zealand, & United Kingdom	5G with Wi-Fi	Essentials Essentials + Advanced	BK0x-01005GC-GM BKAx-01005GC-GM
All Regions:		Renewal — Advanced Upgrade (requires Essentials) — Essentials — Advanced (requires Essentials) — Essentials + Advanced	BK0x-NCADV BK0x-NCESS-R BK0x-NCADV-R BKAx-NCEA-R

x = 1, 3, or 5 years

y = 3 or 5 years

Accessories

INCLUDED PART NUMBER



One of the following:	
 Power Supply, 12 VDC, 2X2 1.5 meters (North America) Power Supply, 12 VDC, 2x2 1.5 meters (International) 	170716-001
	170717-000
Cellular Antenna, Charcoal, 600 MHz - 6 GHz, SMA, 180 mm (Qty 2 or 4)	170801-000
Cable, Ethernet RJ45-to-RJ45, Black, 1.5 meters	170725-000
Small Accessories Kit	N/A
— SIM/battery door screws (Qty 2)	
Rubber feet (Qty 4)	
OPTIONAL	PART NUMBER
Single Battery Pack for E100 Series Router	170848-000
UNITED STATES FEDERAL GOVERNMENT	PART NUMBER
Cellular Antenna, Charcoal, 600 MHz - 6 GHz, SMA, 180 mm	TAA-170801-000

Support & Warranty

The E100 router is only sold as a component of Ericsson NetCloud Service Small Branch packages.

- Ericsson NetCloud Service packages include support for the full subscription term.
- All Ericsson Cradlepoint hardware products are covered by a limited lifetime warranty for as long as they have a subscription license to an active Ericsson NetCloud Service plan.

More Information

Find the most up-to-date information at cradlepoint.com/e100