



# ATOM R9

**3.5GHz 5dBi**  
**Indoor CPE**

## Special Applications. Advanced Features.

Baicells 5dBi model indoor Atom R9 CPE is intended for unique applications, such as MDUs, MTUs, campus environments, kiosk applications, or temporary events. Use this CPE anywhere where the short range microcell model is needed.

### Feature-Rich Integration

The Atom R9 5dBi CPE is an all in one CPE solution. With built in Wi-Fi, four Ethernet points, and an integrated SIP client for voice, it replaces multiple devices at the customer premise.

### Easy Installation

This CPE is provided with a simple stand that allows for desktop mounting.

### Plug-and-Play

The Atom is quick to set up, allowing for instant connection to your Baicells Nova LTE base station without configuration. An intuitive GUI means optimization is simple.

### LTE Integration

Baicells is committed to standards, so your Atom CPE should seamlessly connect to any standard TDD LTE base station on the same band.

# Technical Specifications

**3GPP:** R9, FDD Mode

**Band:** 40/41 & 42/43

**Bandwidth:** 5/10/15/20MHz

**Output Power:** 23dBm (200mW)

**Receiving Sensitivity:** -94dBm

**Ethernet LAN Port:** 4 RJ-45 port 10/100 auto-sensing,  
auto MDX Tel Port: 2 FXS RJ11 Port with Fax Connectivity (T.38 Fax over IP)

**LED Indicators:** POWER/ WLAN / WPS/ TEL/ MODE/ LTE Signal/ LAN Indicator\*4

**Antenna:** 5dBi

**Throughput:** DL 110Mbps, UL 20Mbps

**WLAN:** 802.11bgn, 2\*2 MIMO

**Support VoIP USIM:** Support 1.8/3.3V 2FF USIM

**Surge Protector:** Built-in

**Optional:** External Battery  
- Talk time (3h) & Standby time (8h)

**Dimensions(LxWxD):** 6 1/2" x 7 1/4" x 2 5/8"  
(16.5cm x 18.4cm x 6.6cm)

**Weight:** < 1 lbs (0.4 kg)

**Port View**



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