

# Baseband Unit for Wireless Communication

The Baseband Unit (BBU) is a critical component in wireless communication infrastructure, responsible for processing baseband signals. It interfaces with remote radio units (RRUs) or active antenna units (AAUs) via fiber optic cables.



## Product Overview

### Core Functionality

The Baseband Unit (BBU) serves as a critical component in wireless communication infrastructure by managing the processing of baseband signals. Designed for reliability and high-capacity traffic handling, it performs essential tasks including modulation, demodulation, encoding, decoding, and control signaling. The unit is optimized for telecommunications equipment room integration with a standard rack-mounting form factor.

## Technical Specifications

### Core Operations

- Modulation and Demodulation
- Encoding and Decoding
- Control Signaling
- Baseband Signal Processing

Model Identifier	CP BBU01-1324A
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## Deployment and Compatibility

Mounting	Rack-mount
Connectivity	Fiber optic interface to RRU/AAU