

## Service Providers MDU Application

CPE-7000

# G.hn Over Coax Bridge

## Coaxial Bridge (End Point)

G.hn Wave 2 over Coaxial | Gigabit Ethernet WAN

Comtrend's CPE-7000 is a G.hn Wave 2 over Coax endpoint that cost-effectively extends gigabit broadband to individual units in Multi-Dwelling Units (MDUs) or residential homes—using existing coaxial wiring. As part of Comtrend's G.hn over Coax solution, it enables fast, efficient broadband delivery in garden-style apartments, multi-tenant buildings, and retrofit environments—without the cost or disruption of new fiber installs.



- **Easy Installation:** Plug-and-play deployment over in-place coax.
- **Gigabit Performance:** Delivers up to 1.7Gbps with G.hn Wave 2 technology.
- **Flexible Integration:** Connects to any Ethernet gateway or router.

## KEY BENEFITS



**Access Locked Markets:** Tap into previously inaccessible MDU markets with a cost-effective solution.



**Cost Efficiency:** Avoid high costs associated with fiber rewiring by utilizing existing coaxial cabling.



**Seamless Deployment:** Purpose-built for fast installation with minimal disruption.



**Scalable Network Evolution:** Complement DPU deployments with OpenPON and cost-effective fiber solutions for future growth.

CPE-7000

## Key Features



G.hn Wave 2 Technology



Connects to any Ethernet Gateway



Delivers up to 1.7Gbps



Intuitive Web GUI



TR-069 Remote Management

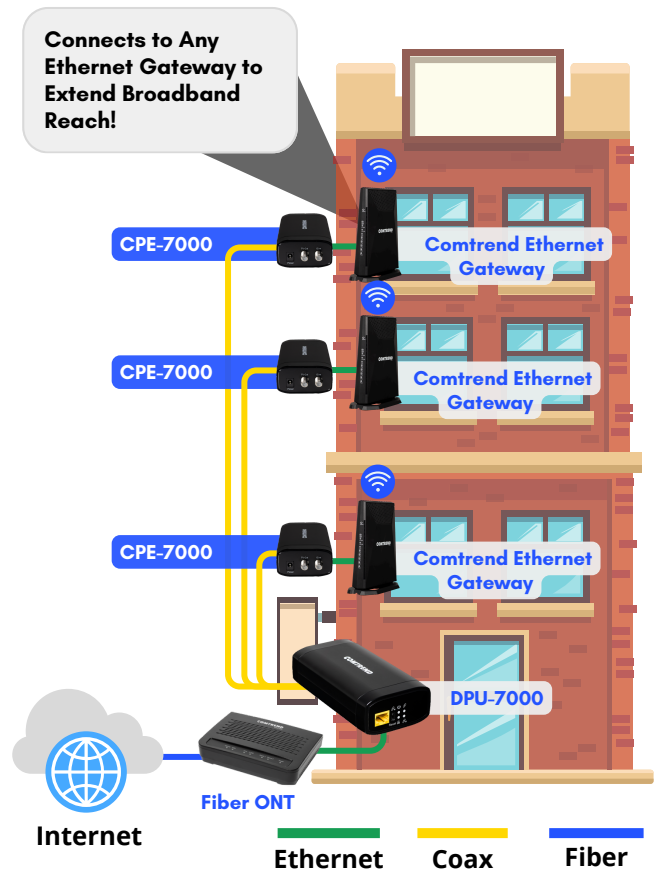


Gigabit Ethernet LAN

## Specifications

Hardware	
Ports	1x Port F-connector (G.hn) 1x Port F-Connector (TV Out) 1x Gigabit Ethernet LAN
LED Indicators	Power, LAN, (G.hn) Link, Security
Power Input	DC 12V/1A
Dimensions	133mm (D) x 70mm (W) x 38mm (H)
G.hn Wave 2 End Point	
Standards	Supports ITU-T G.9960/9961/9962/9963/9964 Unified high-speed wireline-based home networking transceivers
Environment	
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Operating Humidity	10% ~ 90% non-condensing
Software	
Features	<ul style="list-style-type: none"> <li>Supports Upstream/Downstream bandwidth configuration</li> <li>Supports DHCP client, Fixed IP setting, IPv6 passthrough, C-TAG VLAN, Management VLAN, Syslog, SNMP client, Multicasting</li> <li>Supports Web GUI as friendly management Interface</li> <li>TR-069 for remote management</li> </ul>
Certifications	CE, FCC, UL / cUL, ITU-T G.hn Standard

**Application:** Ideal for Small MDUs



CE Standards:

EN 55032 / EN 55035 EN 62368-1 (Includes ErP)

FCC / IC Standards:

FCC Part15B / ICES-003 UL 62368-1 / cUL62368-1