

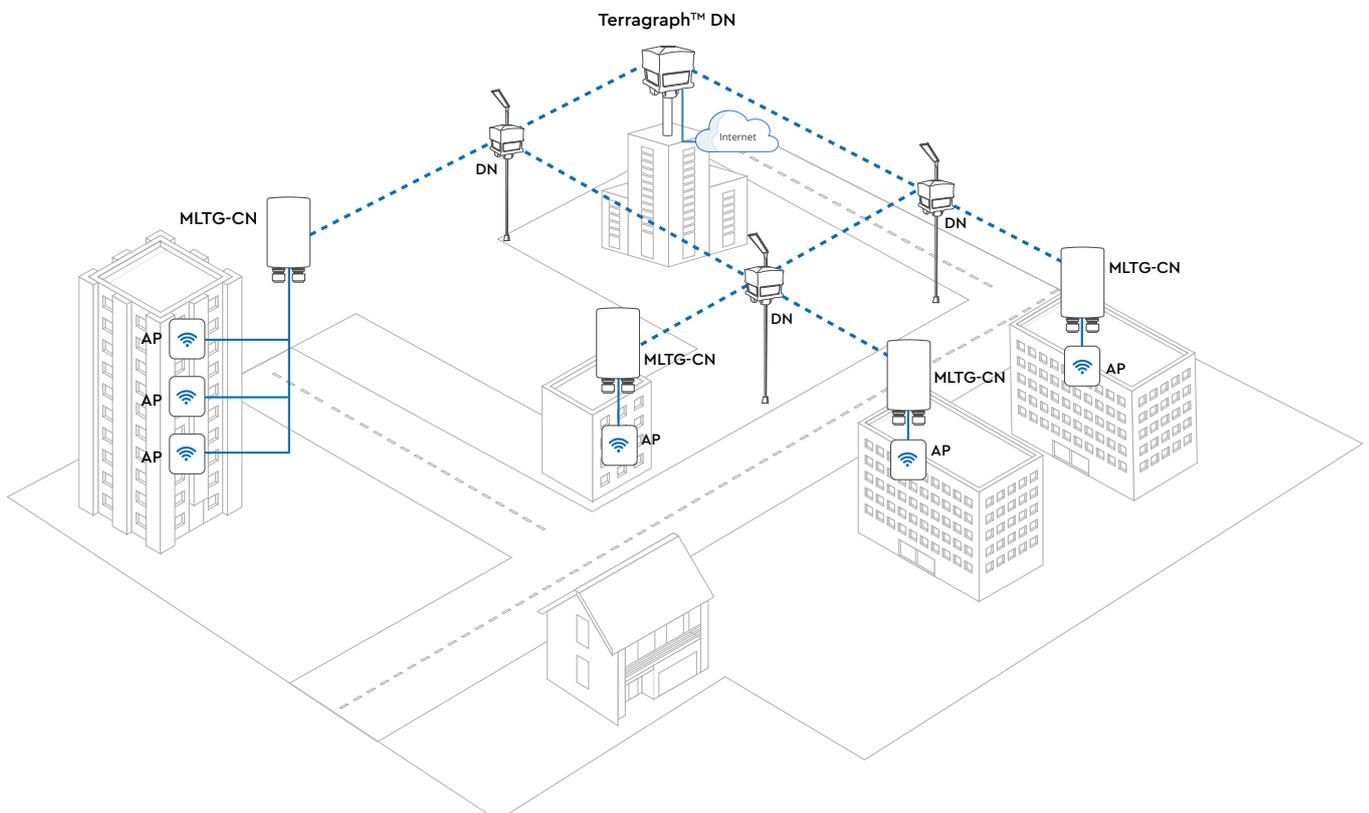
MLTG-CN

TERRAGRAPH CLIENT NODE

INTRODUCTION

MLTG-CN is a Terragraph™ certified client node (CN). MLTG-CN supports IEEE802.11ay standard to deliver high-speed Internet in a noise-free and unlicensed 60GHz spectrum. When connected with Terragraph™ certified distribution node (DN), MLTG-CN can function as Customer Premise Equipment (CPE) to provide last mile wireless gigabit connectivity to the client site, such as warehouse, company building, or residential area.

MLTG-CN can also be paired to deliver Point-to-Point (PtP) wireless gigabit throughput for backhaul or last mile access without the costly installation of cabled fiber.



SPECIFICATIONS

PHYSICAL	
60GHz Radio	<ul style="list-style-type: none"> ♦ Phased array antenna with 64 antenna elements ♦ 90 degrees azimuth scan range: -45° to 45° ♦ 50 degrees elevation scan range: -25° to 25°
Interfaces	<ul style="list-style-type: none"> ♦ 1x Gigabit Ethernet Port (PoE IN) ♦ 1x Gigabit Ethernet Port ♦ 1x 60GHz Radio
Environmental Conditions	<ul style="list-style-type: none"> ♦ Operating Temperature: -20°C (-4°F) to 55°C (131°F) ♦ Storage Temperature: -20°C (-4°F) to 70°C (158°F) ♦ IP66 Rating
Power	♦ 48~55V passive Gigabit PoE
Power Consumption	♦ 15W max.
Dimensions (L x W x H)	♦ 17.7 x 10.6 x 4.3 cm (6.9 x 4.2 x 1.7 in)
Weight	♦ 1.1 kg (2.4 lb)
Certifications	♦ FCC/CE

PERFORMANCE	
Range	When connected to Edgecore MLTG-360 Terragraph Certified DN, the MLTG-CN supports: <ul style="list-style-type: none"> ♦ Up to 100m (0.06 mi) for MCS12 ♦ Up to 150m (0.09 mi) for MCS9

KEY FEATURES	
Support channel 1 to channel 4 (57-66GHz)	
Up to 1.8 Gbps wireless throughput in both direction	
Beam forming technology with phased array antenna for easy alignment	
Support TDMA-MAC for dynamic bandwidth allocation	
Support Over-the-Air (OTA) Security with AES128 encryption	
Support QoS with 4 service classes	
Support VLAN tagging	
Support Layer 2 Forwarding	
Support NAT	
IPv6 tunneling	