

CPE12000

The CPE12000 is a 256QAM Cat 13/15UE, designed to meet the challenging connectivity demands. Supporting Carrier Aggregation technologies and achieving high throughput, the CPE12000 provides quality performance. These units provide a seamless wireless experience that keeps homes and businesses connected.

LTE Specifications

LTE Interface	
Standard Compliance	3GPP Release 12
LTE UE Category	Cat 13/15
Duplex Mode	TDD
Frequency Bands	3.4-3.8 GHz (B42,B43, B48), 2.3-2.4 GHz (B40), 2.5-2.7 (B38, B41)
Channel bandwidth	5 MHz, 10 MHz, 15 MHz, 20 MHz
Carrier Aggregation	Contiguous / Noncontiguous
Uplink Modulation	QPSK, 16QAM, 64QAM
Downlink Modulation	QPSK, 16QAM, 64QAM, 256QAM
L1	DL MIMO 4x4
L2 & L3	Multiple APN; PLMN and Cell Selection
Authentication	USIM SIM function (1.8V and 3.3V SIM and USIM card)
QoS	Non-GBR, GBR



CPE Specifications

CPE12000 Outdoor	
Dimensions (HxWxD)	260 x 250 x 80 mm 10.2 x 9.8 x 3.1 in
Weight	1.2 Kg 2.6 lbs
User Interface	LAN - 1x100M/1Gb Base-T USIM
Maximum Transmit Power	23 dBm
Antenna	2TX/4RX, 13 dBi in 3.5 GHz, 11 dBi in 2.5 GHz
Power Source	100~240VAC
Environmental	IP67
Operating Temperature	-40° to 55° C -40° to 131° F

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