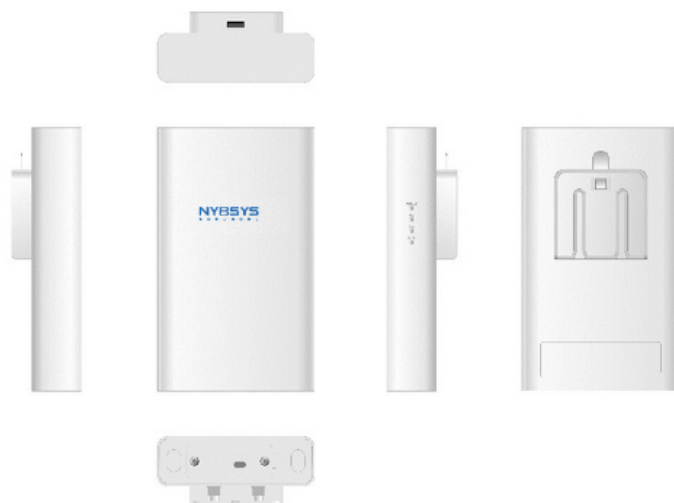


BlazeLink: 5G Outdoor CPE

BL 1025

OVERVIEW

BL 1025 is an outdoor 5G CPE product specially designed for family and SOHO (Small Office and Home Office), conforming to the Release15 standard defined by 3GPP. BL 1025 has All outdoor units that provide long-range coverage. It supports all of the 4G and 5G frequency bands and high data throughput. For 5G, it supports SA or NSA 5G network mode. The Max. peak data throughput can reach more than **2.0 Gbps** in the Sub-6G band. BL 1025 supports **WiFi. Mmwave-supported** CPE is also available with a max peak rate of up to **7 Gbps**.



Plug and play with stable performance.

When the USIM card is plugged in, and the power button is pressed, BL 1025 starts to work. It supports 2.4GHz & 5GHz WiFi and GE cable to set up high-speed WLAN for family or SOHO and enjoy the 5G wireless broadband access experience. BL 1025 can run a long time and maintain stable network performance profit from the all-new vertical chimney air duct design conforms to the theory of aerodynamics to speed up heat dissipation efficiency.

SPECIFICATIONS

Basic info	Dimension	186*111*35 mm
	Technical Standard	5G Sub6 SA/5G Sub6 NSA 5G/LTE
Frequency	Operating Frequency	5G NR Sub-6G: TDD: n38/40/41/77/78/79 FDD: n1/3/5/7/8/20/28/71 LTE:FDD:B1/B3/B5/B7/B8/B18/B19/B20/B26/B28/B32TDD: B34/B38/B39/B40/B41/B42/B43 5G mmWave N257/N258
	5G Peak Data Throughput (theoretical value)	DL: BW 100MHz, up to 2.1Gbps (Sub6G) UL: BW 100MHz, up to 0.9Gbps (Sub6G)
	MIMO	Support DL 4x4 MIMO
	Internal Memory	4Gb+4Gb
Hardware	BB Chipset	Qualcomm SDX55
	USIM	1*4FF SIM (nano card)
	Power consumption	<24W
	Ethernet	1G LAN
	Power	POE(nonstandard default)
	LED	Power /4G network/ 5G network/ ETH status LED
	USB	USB 2.0 micro (for Debug only)
	Antenna	Internal Antenna:5G/4G*10

Buttons	Reset hole
ESD	ESD Protection circuit; 8kV contact / 10kV air discharge
SW Update	Local Update/FOTA/WebUI
IP-Passthrough	Support
IPv4/IPv6	Support
UI	WebUI
Software	
Data Statistics	Support
Automatic APN Match	Support
APP	BLE APP Support(*)
Automatic APN Match	Support
Install	Pole/Wall
Waterproof level	IP65
environment	
Operating Temperature	-40°C ~ +50°C
Storage Temperature	-40°C ~ +70°C
Humidity	5%~ 95%