COMNECT
Product Brochure

Router/Mesh/OLT/ONT/MBB/Switch

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ABOUT COMNECT

Established in 2012, Shenzhen COMNECT Technology Co., Ltd (referred as "Comnect" below) has been focused on providing global customers with high quality customized networking products, including PON, Wireless Router, Mesh WiFi System, LTE, 5G, xDSL, Network Switch etc. By the end of 2024, the company had shipped 57 million devices to more than 100 customers in 60 countries.

Except regular finish goods fulfillment, Comnect also support professional CKD and SKD services and **overseas manufacturing solutions**, if needed.

20,000m²
Factory area

9million
units annual capacity

120+
R&D Talents

500+
staffs

Shenzhen (Headquarters) ①

Jiangxi (Manufacturing Center) ②

Changsha (R&D branch center) ③

Dongguan (Logistic center) ④

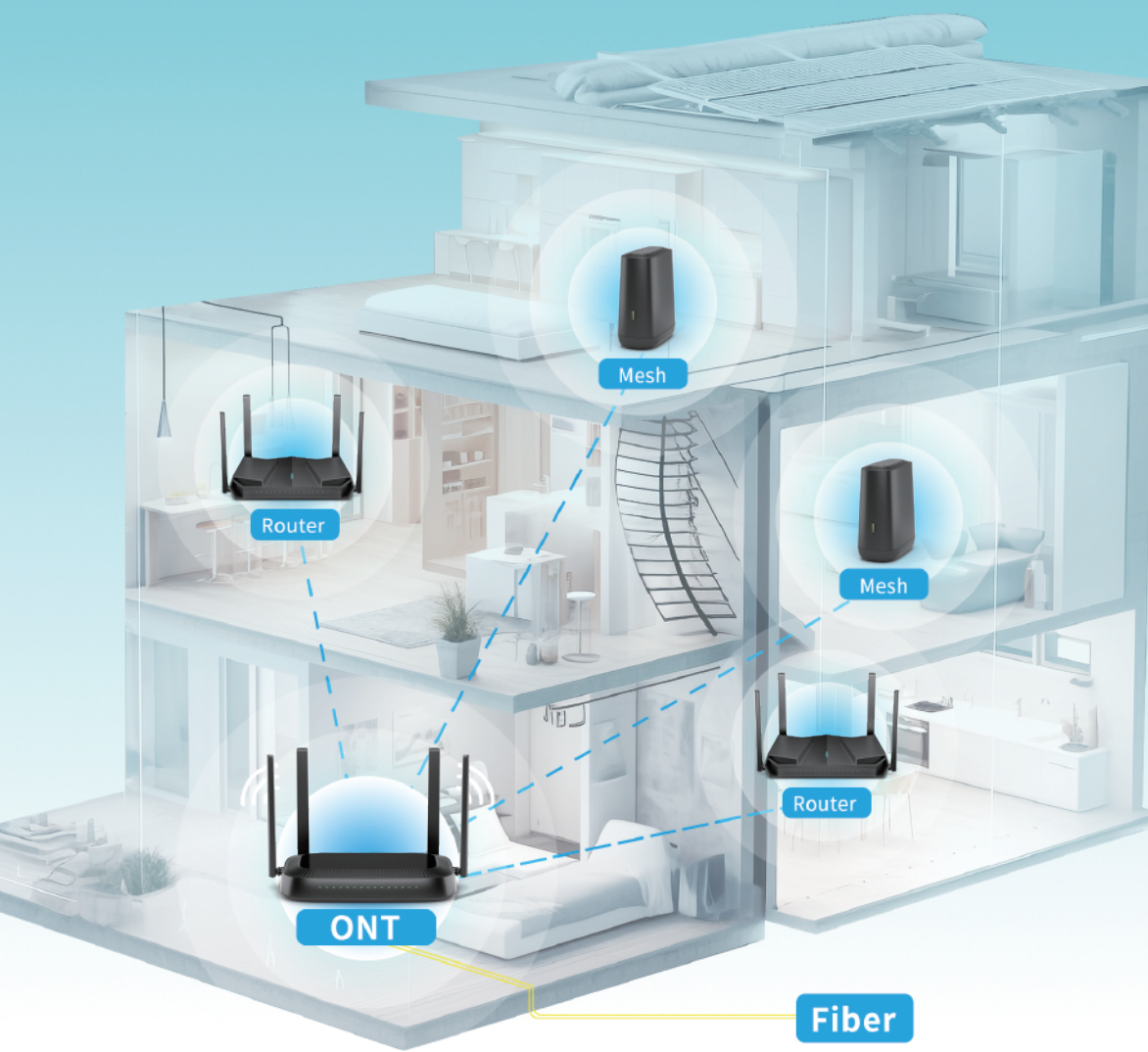
Easy Mesh

Flexible Connect Modes

Band Steering

Synchronous configuration

Manage devices



All in one APP

Router

Mesh

ONT

MBB

All in one

Parental Control

Remote Management

IOS/Android

GPON/XGSPON

Type	BE7200	BE7200	BE3600	AX3000
ID				
Model	XP95x SERIES	GP95x SERIES	GP92x SERIES	GP85x SERIES
PON Standards	XGSPON	GPON	GPON	GPON
Wi-Fi Standards	Wi-Fi 7	Wi-Fi 7	Wi-Fi 7	Wi-Fi 6
Wi-Fi Speed	2.4G 1376Mbps 5G 5764Mbps	2.4G 1376Mbps 5G 5764Mbps	2.4G 688Mbps 5G 2882Mbps	2.4G 574Mbps 5G 2402Mbps
Antennas	9*3dBi (Internal)	9*3dBi (Internal)	4*5dBi	4*5dBi
Interface	1*XGSPON 1*10GE+4*GE 2*FXS 1*USB3.0	1*GPON 1*2.5GE+4*GE 1*FXS 1*USB3.0	1*GPON 4GE(or 1*2.5GE+3*GE) (Optional) 1*FXS 1*USB3.0	1*GPON 4*GE+2.5GE (Optional) 1/2FXS (Optional) 1*USB3.0 (Optional) 1*Cat6 (Optional) 1*CATV (Optional)
Power Supply	DC 12V 3A	DC 12V 2.5A	DC 12V 2A	DC 12V 1.5A
Dimensions/mm	264 x 177 x 73.5	264 x 177 x 73.5	240 x 145 x 42	240 x 145 x 42

Type	AX1500	AC1200	N300	Wired	
ID					
Model	GP83x SERIES	GP74x SERIES	GP62x SERIES	XP60x SERIES	GP60x SERIES
PON Standards	GPON	GPON	GPON	XGSPON	GPON
Wi-Fi Standards	Wi-Fi 6	Wi-Fi 5	Wi-Fi 4	/	/
Wi-Fi Speed	2.4G 300Mbps 5G 1201Mbps	2.4G 300Mbps 5G 867Mbps	2.4G 300Mbps	/	/
Antennas	4*5dBi	2*5dBi	2*5dBi	/	/
Interface	1*GPON 2/4*GE 1*FXS 2/4 Antennas(Optional)	1*GPON 2/4*GE (Optional) 1*FXS (Optional) 1*USB2.0 (Optional) 2/4 Antennas (Optional)	1*GPON 1*GE 1*FE (Optional) 1*FXS (Optional)	1*XGSPON 1*2.5/10GE (Optional) 1*GE 1*FXS (Optional)	1*GPON 1*1/2.5GE (Optional) 1*CATV (Optional) 1*FXS (Optional)
Power Supply	DC 12V 1A	DC 12V 1A	DC 12V 1A	DC 12V 1A	DC 12V 0.5A
Dimensions/mm	171 x 105 x 31	170 x 113.3 x 30.5	132 x 93.5 x 27	156 x 156 x 38	137 x 83.5 x 26.5

Mesh Router

Type	BE19000	BE7200	BE6400	BE3600	AX3000	
ID	COMING SOON	COMING SOON				
Model	MB19000XE	MB7200XM	WR945PR	MB3600PR	MX3000R	WR853GXR
Wi-Fi Standards	Wi-Fi 7	Wi-Fi 7	Wi-Fi 7	Wi-Fi 7	Wi-Fi 6	Wi-Fi 6
Wi-Fi Speed	2.4G 1376Mbps 5G 5764Mbps 6G 11528Mbps	2.4G 1376Mbps 5G 5764Mbps	2.4G 574Mbps 5G 5764Mbps	2.4G 688Mbps 5G 2882Mbps	2.4G 574Mbps 5G 2402Mbps	2.4G 574Mbps 5G 2402Mbps
Antennas	10*3dBi (Internal)	6*3dBi (Internal)	4*5dBi	4*3dBi (Internal)	4*3dBi (Internal)	4*5dBi
Button	1*10GE WAN 4*2.5GE LAN 1*USB2.0	1*10GE WAN 1*2.5GE LAN 3*GE LAN 1*USB3.0(Optional)	1*2.5 GE WAN 4*GE LAN	1*2.5 GE WAN 2*GE LAN	1*GE WAN 2*GE LAN	1*GE WAN 3*GE LAN
Power Supply	DC 12V 3A	DC 12V 2A	DC 12V 2A	DC 12V 1A	DC 12V 1A	DC 12V 1A
Dimensions/mm	245.6 x 160 x 66	218 x 139 x 53	235 x 125 x 32	104 x 74 x 154	104 x 74 x 154	200 x 140 x 40

Type	AX2700	AX1500		AC1200	
ID					
Model	WR844GR	MX1500R	WR833GXR	M1200S-V3	WR743GR
Wi-Fi Standards	Wi-Fi 6	Wi-Fi 6	Wi-Fi 6	Wi-Fi 5	Wi-Fi 5
Wi-Fi Speed	2.4G 300Mbps 5G 2402Mbps	2.4G 300Mbps 5G 1201Mbps	2.4G 300Mbps 5G 1201Mbps	2.4G 300Mbps 5G 867Mbps	2.4G 300Mbps 5G 867Mbps
Antennas	4*5dBi	4*3dBi (Internal)	4*5dBi	2*3dBi (Internal)	4*5dBi
Button	1*GE WAN 3*GE LAN	1*GE WAN 1*GE LAN	1*GE WAN 3*GE LAN	1*GE WAN 1*GE LAN	1*GE WAN 3*GE LAN
Power Supply	DC 12V 1A	DC 12V 1A	DC 12V 1A	DC 12V 1A	DC 12V 1A
Dimensions/mm	191 x 120 x 30	95 x 95 x 90	191 x 120 x 30	95 x 95 x 90	180 x 140 x 29

MBB

Type	LTE/AC1200	LTE/AC1200	LTE/N300
ID			
Model	WR742GL	WR744GVL	WR624VL
Wi-Fi Standards	Wi-Fi 5	Wi-Fi 5	Wi-Fi 4
Wi-Fi Speed	2.4G 300Mbps 5G 867Mbps	2.4G 300Mbps 5G 867Mbps	2.4G 300Mbps
Category	Cat6	Cat6	Cat4
4/5G Speed	300Mbps	300Mbps	150Mbps
SIM Slot	Micro(3FF)	Mini(2FF)	Mini(2FF)
Antennas	4*3dBi (Internal)	4*5dBi	4*5dBi
Interface	1*SIM 2*GE LAN	1*SIM 1*GE WAN 3*GE LAN 1*FXS	1*SIM 1*FE WAN 3*FE LAN 1*FXS
Power Supply	DC 12V 1A	DC 12V 1A	DC 12V 1A
Dimensions/mm	200 x 145 x 40	202 x 128 x 35	202 x 128 x 35

OLT

Type	GPON OLT		
ID			
Model	GT1016	GT1008	GT1004
Interface	16*PON Ports 4*GE COMBO ports 2*10GE SFP+ ports 1*Console 1*GE Management	8*PON Ports 4*GE COMBO ports 2*10GE SFP+ ports 1*Console 1*GE Management	1/2/4*2.5G GPON ports 1* SFP+ ports 1*Console 1*GE Management
Power Supply	100-240V AC or 48V DC Dual redundant power supply	100-240V AC or 48V DC Dual redundant power supply	100-240V AC or 48V DC Dual redundant power supply

Switch

Type	L2 Managed PoE Switch		L2 Managed Switch
ID			
Model	SG2024PSG4	SG2008PSG2	SG2024SG4
Interface	24*GE PoE+ Ports 4*SFP Uplink Ports 1*RJ45 Console Port	8*GE PoE+ Ports 2*SFP Uplink Ports 1*RJ45 Console Port	24*GE RJ45 Ports 4*SFP Uplink Ports 1*RJ45 Console Port
Power Supply	Total power 400W, PoE Budge 370W	Total power 120W, PoE Budge 110W	Power Cable
Dimensions/mm	440 x 208 x 44	256 x 170 x 44	440 x 208 x 44

Type	L2 Managed Switch	Cloud Managed	
ID			
Model	SG2008SG2	SG1508PGH2	SG1505P
Interface	8*GE Ports 2*SFP Uplink Ports 1*RJ45 Console Port	8*GE PoE+ Ports 1*SFP Uplink Ports 1*GE RJ45 Uplink Port	4*GE PoE+ Ports 1*GE RJ45 Uplink Port
Power Supply	Power Cable	Total power 123W, PoE Budge 115W	Total power 65W, PoE Budge 60W
Dimensions/mm	256 x 170 x 44	172 x 101 x 37	138 x 78 x 26

Type	Dumb		
ID			
Model	SM1008SX1	SG1008	5*GE RJ45 Ports
Interface	8*2.5GE RJ45 Ports 1*10G SFP+ Port	8*GE RJ45 Ports	5*GE RJ45 Ports
Power Supply	12V1A	5V1A	5V1A
Dimensions/mm	160 x 90 x 35	138 x 78 x 26	86.5 x 52.5 x 23

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