comnect.

OEM·ODM

Quality Product & Flexible Delivery

Being the most professional
manufacturer

Product
Catalog
2020

About COMNECT

Who we are ▶

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 xDSL, PON, Wireless Router, Switch, Powerline, etc. Since started in 2012, Comnect has maintained a steady revenue growth rate of 30% annually. By the end of 2017, the company had shipped 30 million devices to more than 70 customers in 45 countries.

Comnect invests heavily on technology research and development and has a strong focus on innovation. Each year, about 10% of the total company revenue are invested in R&D projects. In June of 2018, the company established a new R&D center in Chengdu, China, aiming to provide better software customization service. In recent years, Comnect has also strengthen its talent reserve and recruit a team of professional engineers with strong technology background. Now more than 40% of the company employees are engineers.

◀ R&D & Innovation

About COMNECT

Professional Manufacturing ▶

Comnect owns a 5,500 sqm factory, which maintains seven SMT automation production lines with a capacity of more than 12 million devices per year. 9 fully equipped test labs are set up to ensure high quality products to be delivered to the company's valued customers. The company received ISO9001-2000 certification in 2014 and has been operating strictly under these standards. All products are qualified to meet different international standards like CE, FCC, CQC etc, satisfying needs of various customers from different countries.

Comnect is able to arrange delivery to customers based on their demand, delivering products just-in-time in quantities and packaging to satisfy customer requirements. Considering different customer circumstances, the company also accepts flexible delivery and payment methods.

◀ Flexible Delivery

CONTENTS

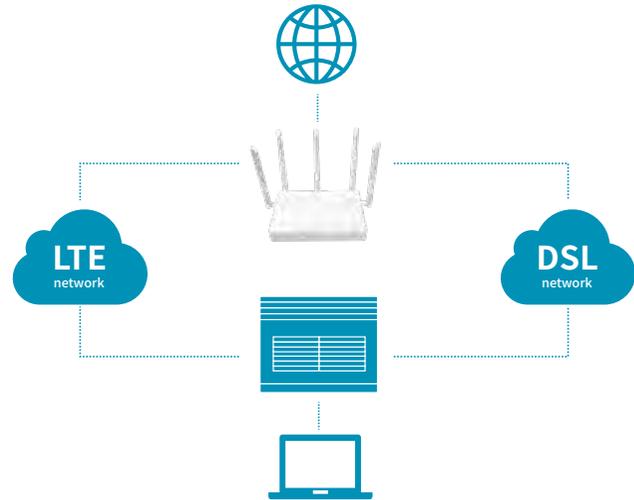comnect.

DSL
VDSL Modem
Router

All-in-one Device

Our VDSL modem routers are one-stop solutions that integrates multiple network functions to make everything of your home connected.

| DSL Modem | LTE Router | 4-Port Switch | Access Point |

Supports DSL-LTE hybrid traffic mode

Supports LTE Cat4 to increase broadband capability and optimize carrier network utilization using existing infrastructure.

LTE network

DSL network

1750Mbps Dual Band

You can enjoy HD video streaming and lag-free online gaming on the 5GHz band with 1300Mbps wireless speed while using the 2.4GHz band for email checking and web browsing with 450Mbps wireless speed.
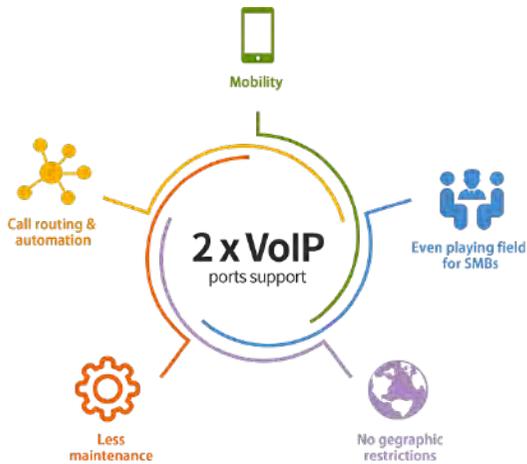
2.4GHz @450Mbps

5GHz @1300Mbps

Cost effective VoIP service

The modem router provides two FXS ports supporting cost effective VoIP accounts and numerous call features, keeping your phone costs low.

Advanced Management Features

Supports features like QoS, Parental Controls, and guest network, allowing you to manage network activities of accounts connected to your network.

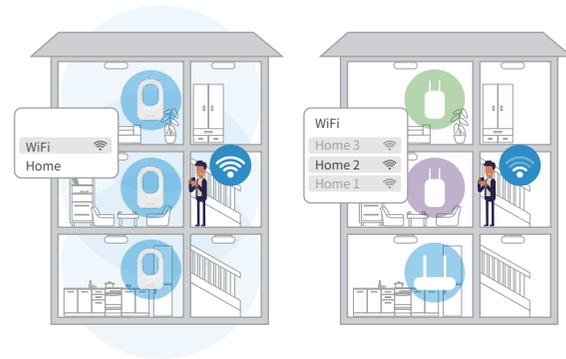QoS   Parental Control   Guest Network

Full Gigabit Ports

Four gigabit Ethernet ports support wired speed 10 times faster than standard FE ports, providing fast and smooth network connections for your wired devices.

DSL Modem Router

Model No.	DS264GWTV-LTE	DS264GWTV	DS244TGV	DS244WSGV	DS244WSG	DS224WTV	DS224WTV-V2	DS224WSU	DS224WSU.W17	DS124WSU	DS114WS
Product ID											
DSL Standards	VDSL	VDSL	VDSL	VDSL	VDSL	VDSL	VDSL	VDSL	VDSL	ADSL	ADSL
Wireless Speed	1750Mbps	1750Mbps	1200Mbps	1200Mbps	1200Mbps	300Mbps	300Mbps	300Mbps	300Mbps	300Mbps	150Mbps
Frequency	Dual Band	Dual Band	Dual Band	Dual Band	Dual Band	2.4GHz	2.4GHz	2.4GHz	2.4GHz	2.4GHz	2.4GHz
Antennas	5	3	2	2	4	2	2	2	2	2	1
Gigabit Port	●	●	●	●	●	●	-	●	-	-	-
DSL Port	1	1	1	1	1	1	1	1	1	1	1
WAN Port	-	1	1	1	1	1	-	1	-	-	-
LAN Port	4	4	4	4	4	4	4	4	4	4	4
USB	-	USB3.0	USB3.0	USB2.0	USB2.0	USB2.0	USB2.0	USB2.0	USB2.0	USB2.0	-
VoIP	●	●	●	●	-	●	●	-	-	-	-
LTE	●	-	-	-	-	-	-	-	-	-	-
Network Management	●	●	●	●	●	●	●	●	●	●	●
IPv6	●	●	●	●	●	●	●	●	●	●	●

MESH
Router

Add More Units to Expand Coverage

Expanding network coverage in a mesh system is much easier than using the traditional combination of "router + extenders". Simply add one more mesh unit to the system to boost your Wi-Fi coverage.

1 mesh
2000sq.ft

2 mesh
4000sq.ft

3 mesh
6000sq.ft

One Unified Network Throughout the House

All the mesh units make up to one unified network using one universal SSID. This ensures your devices remain connected during handover to the next networking area.

WiFi
Home

WiFi
Home 3
Home 2
Home 1

Centralized Mesh Network Management

All the mesh units can be managed through one backstage. This gets rid of the need to manage separately on each device. Meanwhile, it gives you a better control of overall network usage.

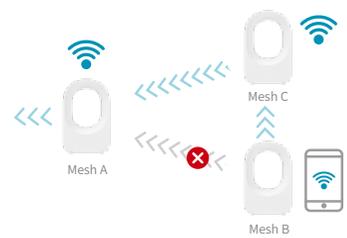## Intelligent Routing between Different Nodes

In a mesh system, a mesh unit can always detect and select the optimal routing from other available mesh units automatically. This, on one hand, ensures outstanding network performance;

on the other hand, guarantees the stability of your network.

Mesh Routing Optimization

Mesh C
Mesh A
Mesh B

Switch Routing when Connection is Lost

Mesh C
Mesh A
Mesh B

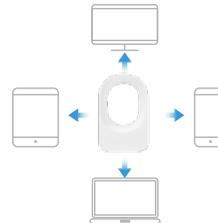## Full Gigabit Ports

Gigabit Ethernet ports transfer data 10x faster than standard Fast Ethernet ports. This ensure you enjoy the full speed of 802.11AC Wi-Fi.
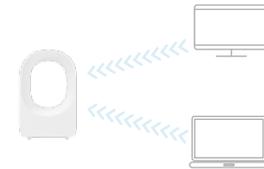
1X

mesh   10X

MU-MIMO

MU-MIMO technology enables the mesh to communicate multiple devices simultaneously, effectively improve network communication efficiency.

Beamforming

Beamforming makes it possible to send directional signal. It promises a faster, stronger Wi-Fi signal with longer range for each device.

Mesh Router

Model No.	M1200	M1200S	M1200P
Product ID			
Wireless Speed	1200Mbps	1200Mbps	1200Mbps
Frequency	Dual Band	Dual Band	Dual Band
Antennas	2 internal	2 internal	2 internal
Gigabit Port	●	●	-
WAN Port	1	1	-
LAN Port	1	1	1
Beamforming	●	●	●
MU-MIMO	●	●	●
Network Managemet	●	●	●
Power Supply	Power Adapter	Power Adapter	Plug-In

Wireless Router

WiFi Front End Module (FEM)

High-performance antennas with powerful front end module (FEM) deliver amplified Wi-Fi signals to every corner of your home, greatly improve WiFi penetrating ability.

Router with FEM

100 Mbps   60 Mbps

Other

100 Mbps   20 Mbps

Extreme AC2600 Dual Band Connections

We support highest wireless speed at 1733 Mbps on the 5GHz band and 800 Mbps on the 2.4GHz band, which is ideal for multi-user household. With our high speed routers, all of your family members can enjoy their favorite activities like gaming online, watching 4K movies, or sharing large files at the same time.
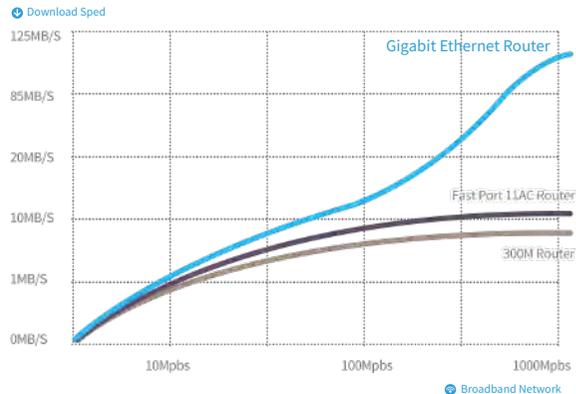
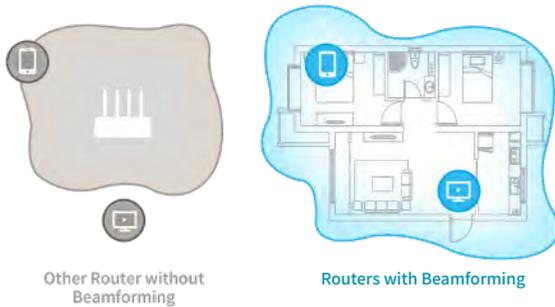**2.4GHz @800Mbps**

5GHz @1733Mbps

Enjoy the full speed of 200M broadband with gigabit ports

Our gigabit routers are powerful network hubs that provide gigabit WAN and LANs. Wired speeds can be up 10 times faster than standard fast Ethernet ports. This unlocks the potential of your home network when broadband access is over 200M.

Download Sped

125MB/S	Gigabit Ethernet Router
85MB/S	
20MB/S	
10MB/S	Fast Port 11AC Router
1MB/S	300M Router
0MB/S	

10Mpbs   100Mpbs   1000Mpbs

Broadband Network

Focus your WiFi signal with Beamforming technology

Beamforming technology allows routers to focus WiFi signals and send data with directional streams. With beamforming, your wireless signals can reach farther with less interference.

Other Router without Beamforming
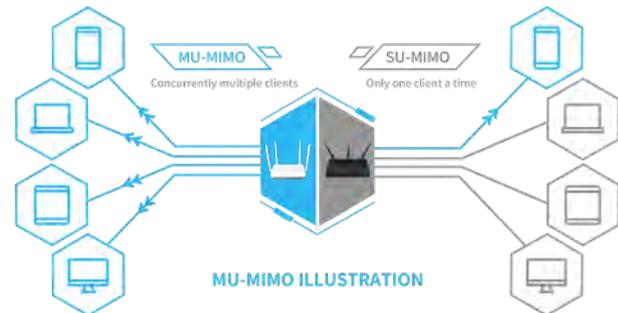
Routers with Beamforming

Media Sharing via USB port For Fun

You can easily create a secure personal cloud and share photos, videos, music and other files with any connected user, or connect to a shared printer that allows you to print wirelessly from any PC or Mac.

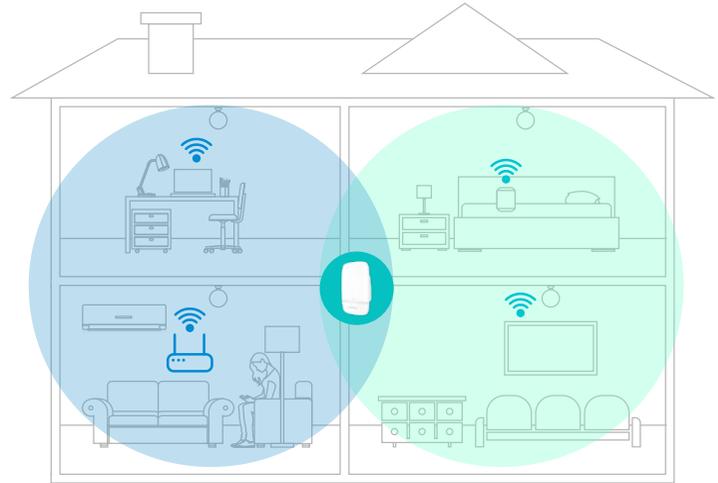## MU-MIMO technology boosts network communication efficiency

With MU-MIMO technology, routers can communicate with multiple devices simultaneously and effectively improve the overall network performance by shortening waiting time.

MU-MIMO
Concurrently multiple clients

SU-MIMO
Only one client a time

MU-MIMO ILLUSTRATION

Wireless Router

Model No.	WR784G	WR763G	WR744GR	WR744G+	WR744+	WR624M	WR624F	WR624	WR622M	WR614
Product ID										
Wireless Speed	2600Mbps	1900Mbps	1200Mbps	1200Mbps	1200Mbps	300Mbps	300Mbps	300Mbps	300Mbps	150Mbps
Frequency	Dual Band	Dual Band	Dual Band	Dual Band	Dual Band	2.4GHz	2.4GHz	2.4GHz	2.4GHz	2.4GHz
Antennas	4	3	4	4	4	2	2	2	2	1
Gigabit Port	●	●	●	●	-	-	-	-	-	-
WAN Port	1	1	1	1	1	1	SFP	1	1	1
LAN Port	4	3	4	4	4	4	4	4	2	4
USB	USB2.0	USB2.0	USB2.0	USB2.0	USB2.0	-	-	-	-	-
Beamforming	●	●	●	-	-	-	-	-	-	-
MU-MIMO	●	●	●	-	-	-	-	-	-	-
Network Management	●	●	●	●	●	●	●	●	●	●
IPv6	●	●	●	●	●	●	●	●	-	●

WiFi Extender

Easy Expansion

WiFi Range Extenders / Repeaters boost your Wi-Fi signal and expand wireless coverage to cover places where your standard router cannot reach, eliminating Wi-Fi dead zones in your house.
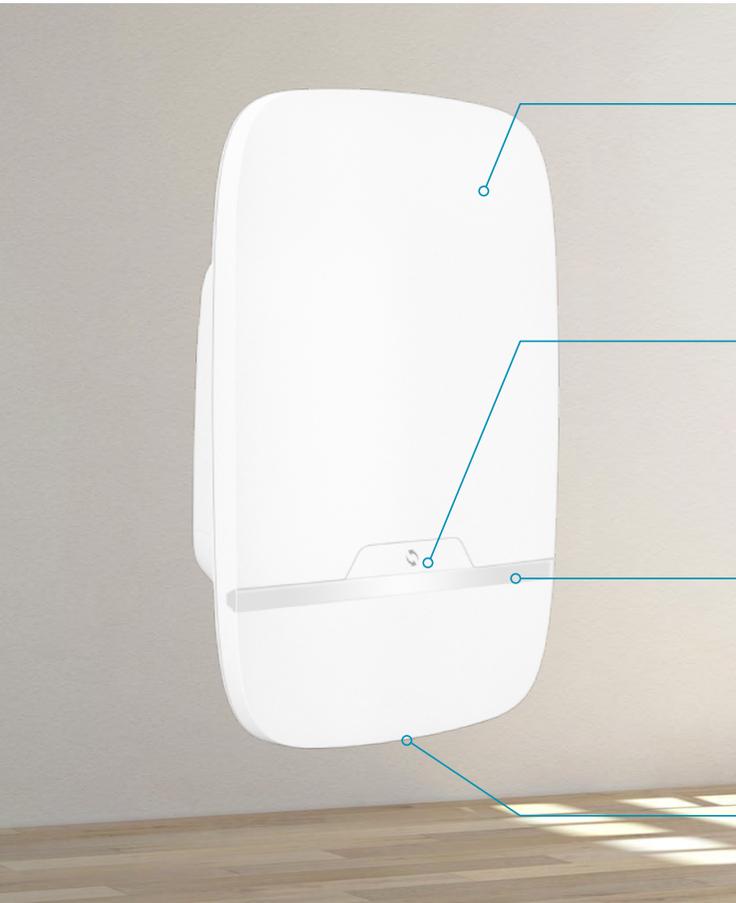
1200Mbps Dual Band

The next generation AC technology enable our WiFi Extenders to deliver data transfer rate 3 times faster than the older 802.11N. It supports wireless speeds of 867Mbps at 5GHz band and 300Mbps at 2.4GHz band.

2.4GHz @300Mbps

5GHz @867Mbps

Wall-mount Design

Allows the extender to be moved and deployed flexibly.

WPS Button

Eliminates the need for manual password configuration, saving time during setup.

Intelligent Light Indicator

Indicates signal strength with different LED colors to help find the best placement.

Additional Ethernet Port

Connect a wired device for better connections.

Extender

Model No.	RE721	RE711	RE621
Product ID			
Wireless Speed	1200Mbps	750Mbps	300Mbps
Frequency	Dual Band	Dual Band	2.4GHz
Antennas	2	3	2
LAN Port	1	1	1
WPS Encryption	●	●	●
Intelligent LED Indicator	●	●	●
Management	Website UI	Website UI	Website UI

Gateway
Router

AC1750 Dual Band

You can enjoy HD video streaming and lag-free online gaming on the 5GHz band with 1300Mbps wireless speed while using the 2.4GHz band for email checking and web browsing with 450Mbps wireless speed.

2.4GHz @450Mbps

5GHz @1300Mbps

Management Features

Supports features like QoS, Parental Controls, and guest network, allowing you to manage network activities of accounts connected to your network.

Parental Control   Guest Network   IPv6

USB3.0 Sharing

USB 3.0 offers transfer rates of 4.8 Gbps while USB 2.0 offers transfer rates of 480 Mbps, — 10 times faster.

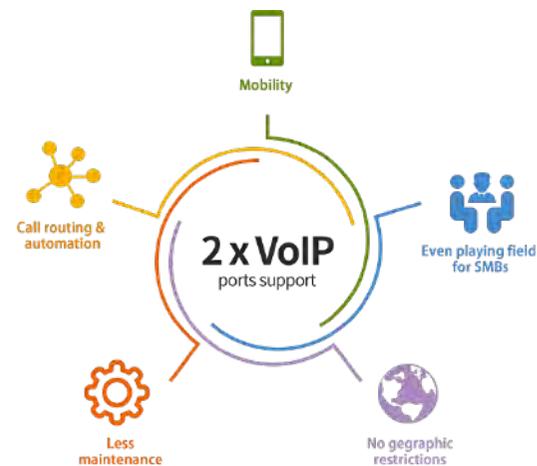Files sharing   Printer sharing

Full Gigabit Ports

Full gigabit Ethernet ports support wired speed 10 times faster than standard FE ports, providing fast and smooth network connections for your wired devices.

Gigabit Ethernet
10X

Fast Ethernet
1X

VoIP Service Support

Our gateways provide up to two FXS ports that support cost effective VoIP accounts with numerous call features, keeping your phone costs low.

Mobility

Call routing & automation

2 x VoIP ports support

Even playing field for SMBs

Less maintenance

No gegraphic restrictions

Gateway Router

Model No.	WR744WSGV	WR744WSGV	WR744TGV	WR624TGV	WR624TV
Product ID					
Wireless Speed	1750Mbps	1200Mbps	1200Mbps	300Mbps	300Mbps
Frequency	Dual Band	Dual Band	Dual Band	2.4GHz	2.4GHz
Antennas	3	2	2	2	2
Gigabit Port	●	●	●	●	●
WAN Port	1	1	1	1	1
LAN Port	4	4	4	4	4
USB	USB3.0	USB2.0	USB3.0	USB3.0	USB2.0
VoIP	●	●	●	●	●
Network management	●	●	●	●	●
IPv6	●	●	●	●	●

GPON ONT
Router

Support OMCI Remote Management

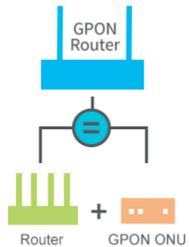| Configuration Management | Fault Management | Performance Management | Security Management |

A GPON Device with Wireless Function

Our GPON ONT devices also support the function of a standard wireless router. It provides wireless speed of up to 1750Mbps, offering ultra fast and smooth networking experience to families.
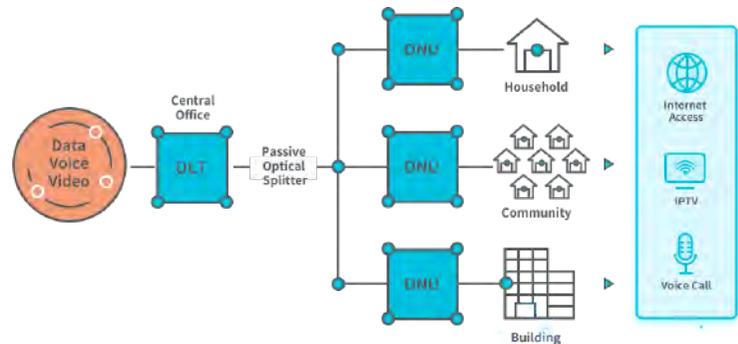

"Two" combined into "One"
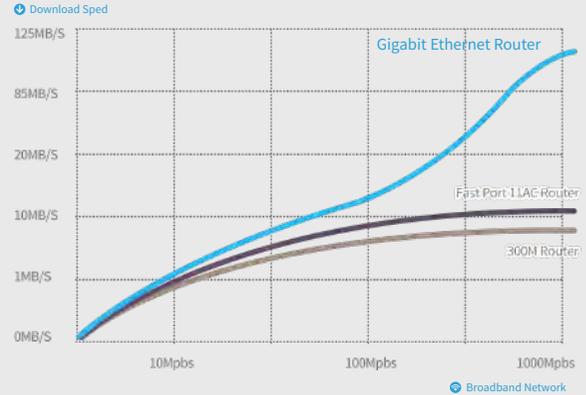
Easier management using one backstage page

Access to Fiber Optical Network

Support downstream 2.5Gbps and upstream to 1.25Gbps with transmission distance up to 20km. Higher bandwidth support makes it possible to integrate and provide more additional services with the same device.
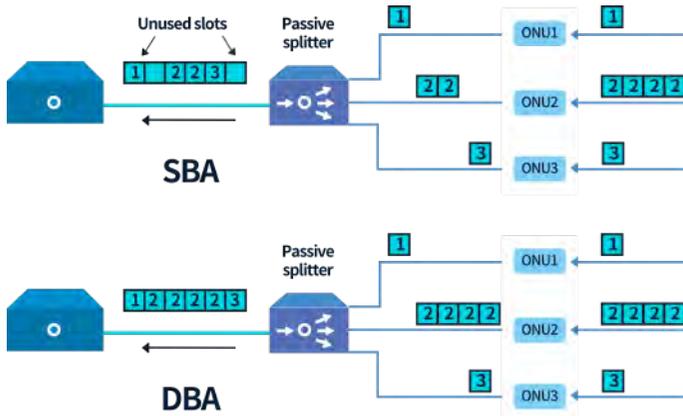
Full Gigabit Ports

Our GPON routers provide full gigiabit ports that can transfer data 10 times faster than standard FE ports. This unlocks the potential of your home network when broadband access is over 200M.

Download Sped

125MB/S

Gigabit Ethernet Router

85MB/S

20MB/S

10MB/S

Fast Port 1 LAC Router

1MB/S

300M Router

0MB/S

10Mpbs   100Mpbs   1000Mpbs

Broadband Network

Maximize Utility through DBA and QoS Features

Support DBA to achieve flexible sharing of bandwidth among users and high band width utilization.

Using QoS feature to set priorities for network tasks and ensure quality of essential services.
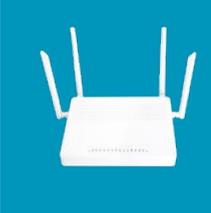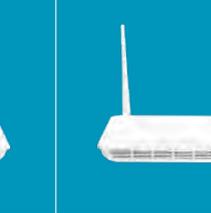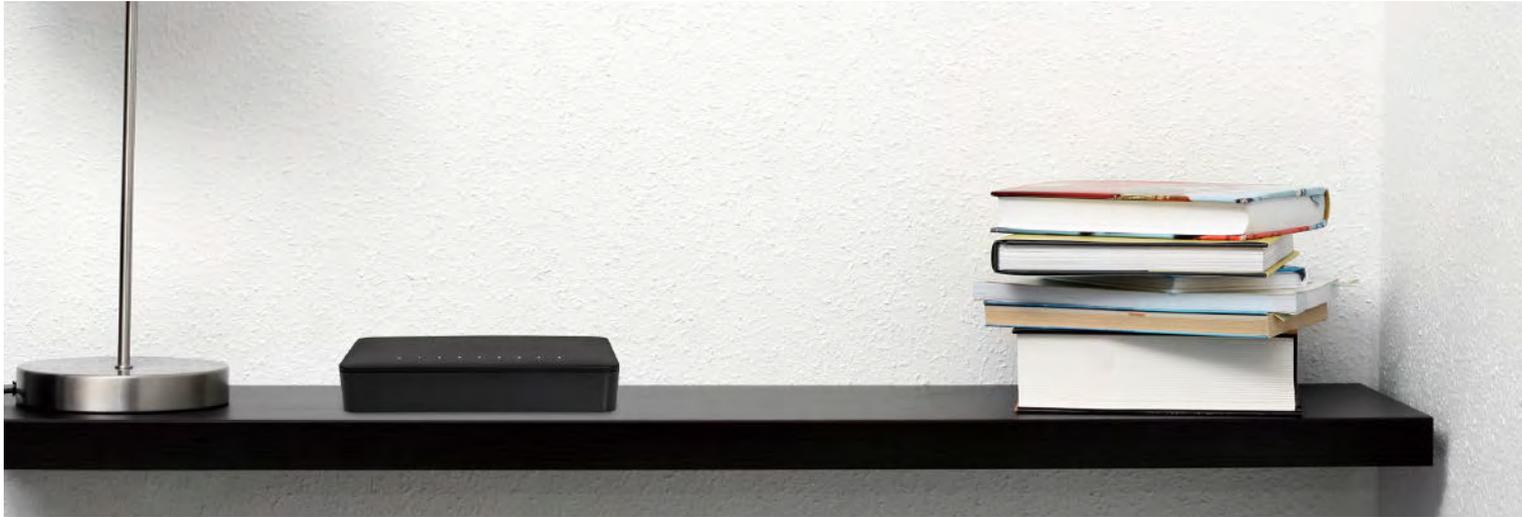

SBA

DBA

Bandwith with no Quality of Service rules applied

Bandwith with Quality of Service rules applied

GPON Router

Model No.	GP784GV	GP744GV	GP624GV	GP624GV-CATV	GP622V	GP601S	GP601R	EP624V	EP601S
Product ID									
PON Type	GPON	GPON	GPON	GPON	GPON	GPON	GPON	EPON	EPON
Wireless Speed	1750Mbps	1200Mbps	300Mbps	300Mbps	300Mbps	-	-	300Mbps	-
Frequency	Dual Band	Dual Band	2.4GHz	2.4GHz	2.4GHz	-	-	2.4GHz	-
Antennas	4	4	2	2	2	-	-	2	-
Gigabit Port	●	●	●	●	●	●	●	●	●
GPON Port	1	1	1	1	1	1	1	1	1
LAN Port	4	4	4	4	2	1	1	4	1
CATV	-	-	-	1	-	-	-	-	-
USB	USB2.0	USB2.0	USB2.0	USB2.0	-	-	-	USB2.0	-
VoIP	●	●	●	●	●	-	-	●	-
Network Management	●	●	●	●	●	-	-	●	-
IPv6	●	●	●	●	●	-	-	●	-

Switch

Need to connect all your wired devices and expand your network in a simple way? Comnect has the solution to meet your needs.

Our easy "plug and play" switches integrate with innovative energy saving technology, greatly reducing network congestion to optimize your home and office network.

Switch

Model No.	SF1024	SF1016D	SF1008D	SF1005D	SG1024	SG1016	SG1008D	SG1005D	SF1009P	SF1005P
Product ID										
Type	Rackmount	Desktop	Desktop	Desktop	Rackmount	Desktop	Desktop	Desktop	Desktop	Desktop
Gigabit Port	-	-	-	-	-	-	-	-	-	-
No. of Ports	24	16	8	5	24	16	8	5	9	5
PoE	-	-	-	-	-	-	-	-	●	●
Auto MDI/MDIX	●	●	●	●	●	●	●	●	●	●
MAC address auto-learning & auto-aging	●	●	●	●	●	●	●	●	●	●
Half and Full Duplex	●	●	●	●	●	●	●	●	●	●
VLAN ON/OFF	-	-	-	-	-	-	-	-	●	-

comnect.

SHENZHEN COMNECT Technology Co., Ltd

Add: 3/F, Building 15th, Wangtang Industry Park, Xili Street, Nanshan District, Shenzhen, China
Tel:+86 755 8650 7455   +86 755 8618 0942   Fax: +86 755 8650 7455-8004
Email：sales@comnect.com.cn.cn   Web: www.comnect.com.cn