

# Data sheet:

## Wireless Gigabit Modem Router N750 X6

Product code : WLM-6501  
 Product name : Wireless Gigabit Modem Router N750 X6  
 EAN code : 8716502023530

**Connect to ADSL Internet and create a secure, high-speed home network with wireless speed of up to 300 Mbps on the 2.4 GHz frequency and 450 Mbps on the 5 GHz frequency. Sitecom Cloud Security protects all connected devices.**

With the Wireless Gigabit Modem Router N750 X6, you can easily create a wireless network and share a broadband Internet connection, files and peripheral devices. Thanks to the integrated ADSL modem, you can connect the modem router, which is compatible with all Internet Service Providers, directly to your ADSL line.

The Wireless Gigabit Modem Router N750 X6 comes equipped with Sitecom Cloud Security which protects all the devices in your network against cybercrime such as viruses, malware, phishing and malicious websites when surfing the Internet.

The Wireless Gigabit Modem Router N750 X6 has a range which covers three floors, garden and balcony. With Simultaneous Dual-Band, you can share internet and peripherals with wireless speeds of up to 300 Mbps on the standard 2.4 GHz frequency and 450 Mbps on the less congested 5 GHz frequency. The new N standard of 450 Mbps is the fastest one currently on the market and is 50 percent faster than 300 Mbps. This makes the Wireless Gigabit Modem Router N750 X6 ideal for time-sensitive applications such as simultaneously downloading and streaming large HD files and multiplayer gaming. With four Gigabit ports, the modem router also has excellent wired performance with transfer speed of up to 1000 Mbps.

The Wireless Gigabit Modem Router N750 X6 comes standard "out of the box" secured with the WPA2 security protocol. Create a secure home network with just one push of the OPS (One Push Set-up) button.

### Specifications:

- Automatic Firmware Update: Automatically get the latest software improvements for free
- Annex A: for ADSL over analogue lines (check your subscription)
- 802.11b+g+n Wireless Standard Protocol
- Wireless speed up to 300 Mbps
- 802.3u 802.3i
- Security: WEP 64 & 128 bits, WPA-TKIP, WPA-AES, WPA2, WPA-Radius
- Three internal dualband antennas
- Quality of Service (QoS)
- Universal Plug & Play (UPnP)
- Application Layer Gateway (ALG)
- Access point disable functionality
- ISP selector
- ON/OFF button
- IPv6 upgradable



**it's easy...**  
 get online in just  
**a few minutes!**

**it's safe...**  
 secured with a push  
 of the button

**it's reliable...**  
**10 years** manufacturer's  
 warranty

### This package contains:

- Wireless Gigabit Modem Router N750 X6
- Driver CD, User manual, Power adapter
- UTP cable

### System requirements:

- PCs and notebooks with N300 client adapters (recommended)
- ADSL subscription (via ISP), Annex A

## Sitecom Cloud Security



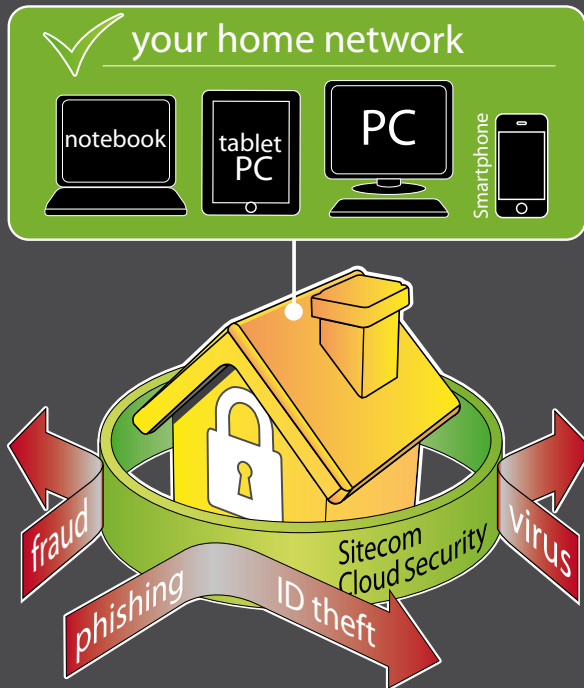
protect your home network against cybercrime while browsing!

Antivirus software alone is not safe enough

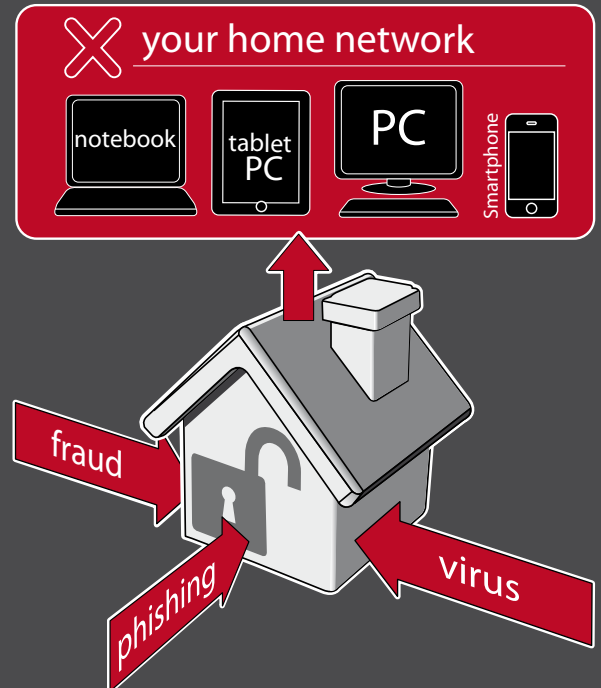
Benefit from additional built-in security in this router

Activate in just one click; your network and devices are better secured than ever before!

### Secure router with Sitecom Cloud Security



### Unsecure router without Sitecom Cloud Security



- Safe web browsing experience
- Built-in security inside the router
- Centralized protection layer against phishing/ID theft, fraud, unwanted advertisements and additional protection against viruses
- Protect your computer (desktop PC and notebook) and all other devices connected to your network such as your iPad/iPod, Smartphone, Game Console, Media Player, Connected TV and Blu-Ray player
- Activate your free 6 months subscription in just one click. The free subscription will not be extended automatically
- Can be disabled after activation at any time
- No need to install updates
- Sitecom Cloud Security works as additional security, but it does not replace the antivirus software on your computer



Product line modem routers	Standard			Gigabit		
Model	X1	X2	X3	X4	X5	X6
wireless speed 2.4GHz frequency	150 Mbps	300 Mbps	300 Mbps	300 Mbps	300 Mbps	300 Mbps
wired speed 5GHz frequency	-	-	-	-	300 Mbps	450 Mbps
wired speed	100 Mbps	100 Mbps	100 Mbps	1000 Mbps	1000 Mbps	1000 Mbps
no. of internal antennas	1	2	3	3	4	5
security / Sitecom Cloud Security	out of the box WPA2	out of the box WPA2	out of the box WPA2	out of the box WPA2	out of the box WPA2	out of the box WPA2
wireless coverage*	optimized for 1 floor	optimized for 2 floors	optimized for 3 floors & garden	optimized for 3 floors & garden	optimized for 3 floors & garden	optimized for 3 floors & large garden

Internet applications**	X1	X2	X3	X4	X5	X6
e-mailing, chatting and calling (VoIP)	●●○○○	●●●○○	●●●○○	●●●●●	●●●●●	●●●●●
downloading & streaming	●●○○○	●●●○○	●●●○○	●●●●○	●●●●○	●●●●●
simultaneous AV downloading/streaming	●○○○○	●●○○○	●●○○○	●●●○○	●●●○○	●●●●●
multiplayer gaming	●○○○○	●●○○○	●●○○○	●●●○○	●●●○○	●●●●○
high speed internet	●○○○○	●●○○○	●●○○○	●●●●●	●●●●●	●●●●●

Network applications	X1	X2	X3	X4	X5	X6
sharing documents	●●○○○	●●○○○	●●○○○	●●●○○	●●●●●	●●●●●
network streaming	●●○○○	●●○○○	●●●○○	●●●●○	●●●●○	●●●●●
local network gaming	●○○○○	●●○○○	●●●○○	●●●○○	●●●○○	●●●●○
sharing large media files	●○○○○	●●○○○	●●○○○	●●●○○	●●●●○	●●●●●

\* The coverage can be influenced by environmental factors    \*\*The speed of your internet connection influences the final performance

# wireless gigabit modem router N750



## X6

coverage  
optimized for 3 floors & large garden

300 + 450 Mbps  
wireless speed

gigabit  
wired speed

ADSL2+ modem  
Compatible with all internet providers

dualband  
simultaneous 2.4 GHz & 5 GHz

Sitecom Cloud Security  
protect your home network against cybercrime while browsing!  
 powered by Hitman Pro technology