# Our
# Home Networking Product Line

**manhattan**®

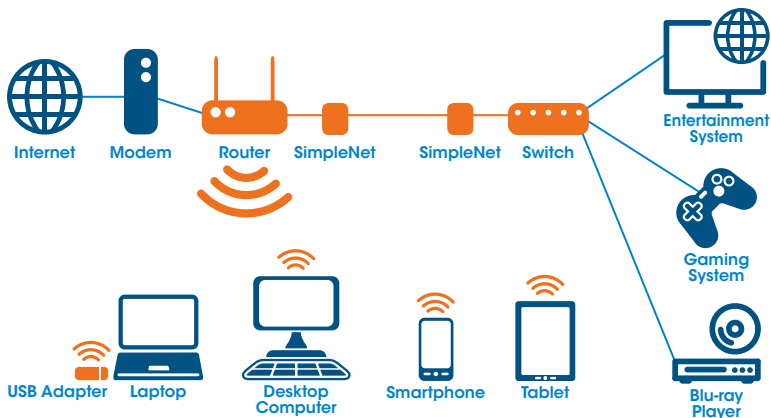*Life just got easier.*™

# Networking Your Home...
## It's Easier than You Think.

Today's home is a networked one: with computers, tablets, smartphones, gaming systems and more all connected to each other and linked to a world of entertainment, information and more on the Internet. Take this diagram for example:



Setting up a network just like this is easier than you might have ever imagined with home networking solutions from Manhattan. Our routers, USB adapters, PCI cards, SimpleNet adapters and switches are designed to be simple to install, as well as deliver the level of performance and reliability you and your family deserve.

This helpful booklet will provide you with information about specific Manhattan home networking products, so you can select the right solution for your needs.

*For more in-depth information or product specifications, please visit www.manhattan-products.com.*

# What Do the Colors Mean?

To make it easier to choose the best solution for your home, we have color-coordinated our packaging. Products that deliver the same level of performance, or that work best together, have the same color background.

| | Web | Web + | Multimedia | Multimedia + |
|---|---|---|---|---|
| **Good For:** | | | | |
| Web Surfing & E-Mail | ✓ | ✓ | ✓ | ✓ |
| Social Media & Web Chat | ✓ | ✓ | ✓ | ✓ |
| Downloading Music & Files | ✓ | ✓ | ✓ | ✓ |
| Wireless Printing | ✓ | ✓ | ✓ | ✓ |
| Watching Online Videos | ✓ | ✓ | ✓ | ✓ |
| Casual Online Gaming | | ✓ | ✓ | ✓ |
| Multi-File Downloads | | ✓ | ✓ | ✓ |
| Streaming Movies & Music | | ✓ | ✓ | ✓ |
| VoIP Calling | | ✓ | ✓ | ✓ |
| HD Video Streaming | | ✓ | ✓ | ✓ |
| Competitive Online Gaming | | | ✓ | ✓ |
| Video Chat | | | ✓ | ✓ |
| Multi-Device Downloads | | | ✓ | ✓ |
| Cloud-Based Applications | | | | ✓ |
| Superior Media Streaming | | | | ✓ |
| Heavy Traffic Networks | | | | ✓ |
| Warranty | 3-Years | | | |

# Web

Everyday Wi-Fi for a home or apartment

**Ideal For:**

Web Surfing & Email | Social Media & Web Chat | Downloading Music & Files | Wireless Printing

**Wireless 150N PCI Card**

**Micro 150N Wireless Adapter**

**Range+ 150N Wireless Adapter**

# Wireless 150N PCI Card
Model Number: 525473

… Connects your desktop PC to a wireless network

… High transfer data rate – up to 150 Mbps

… Supports WMM (Wi-Fi Multimedia) for increased multimedia data throughput

… Detachable 3 dBi antenna with reverse SMA connector

# Micro 150N Wireless Adapter
Model Number: 525503

… Connects your netbook, laptop or desktop PC
to a wireless network

… Fits discreetly into your netbook or laptop USB port

… Ideal for streaming HD-quality video, playing online
games, downloading large files and making VoIP calls

… Low-profile design allows you to leave the adapter
connected to a netbook or laptop
even when on the go

# Range+ 150N Wireless Adapter
Model Number: 525510

… Connects your desktop PC or notebook
to a wireless network

… High transfer data rate - up to 150 Mbps

… Supports the most popular operating systems:
Windows XP, Vista and Windows 7/8

… Includes detachable 3 dBi high-gain antenna

# Web +

## Hi-performance Wi-Fi for the whole home

**Ideal For:**

Multi-File Downloads | Online Gaming | Streaming Media | VoIP Calling
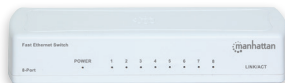
**300N Wireless Router**

**Range+ 300N Wireless Adapter**

**Mini 300N Wireless Adapter**

**USB 2.0 Fast Ethernet Adapter**

**8-Port Fast Ethernet Switch**

## 300N Wireless Router
Model Number: 525466

... Create a wireless network in your home and connect your devices to the Internet in minutes

... Easy setup with the Manhattan ExpressWay™ utility

... Reliable wireless connection for surfing the Web, streaming media, online gaming and more

... 4-port Fast Ethernet switch expands your network in an instant

## Range+ 300N Wireless Adapter
Model Number: 525534

... Connects your desktop PC or notebook to a wireless network

... Up to 300 Mbps network link speed

... Supports Wi-Fi Protected Setup (WPS)

... Equipped with a powerful 3 dBi high-gain antenna

## Mini 300N Wireless Adapter
Model Number: 525527

… Connects your desktop PC or notebook to a
wireless network

… Up to 300 Mbps network link speed

… Easily secure your network connection with
Wi-Fi Protected Setup (WPS)

… Advanced technology with 2 internal antennas for
enhanced throughput and coverage

## USB 2.0 Fast Ethernet Adapter
Model Number: 506731

… 10 times faster than USB 1.1 to Fast Ethernet adapters

… Add a network connection without opening
up your PC

… Perfect for both desktop and notebook computers

… Hot-swappable (no need to power down)

# 8-Port Fast Ethernet Switch

Model Number: 560689

… 8-port Fast Ethernet switch expands your network in an instant

… Easy plug-and-play installation — simply power it up and start using it

… Compatible with all Windows and Macintosh systems

… Eight 10/100 auto-sensing ports automatically detect optimal network speeds

# Multimedia
## Superior range, hi-performance Wi-Fi

**Ideal For:**

Multi-Device
Media Streaming

HD/3D Video
Streaming

Competitive
Online Gaming

Video
Chat

### Mini 600AC
### Wireless Adapter

### USB 3.0
### Gigabit Adapter

### SimpleNet™

### SimpleNet™ Starter Kit

# Mini 600AC Wireless Adapter

Model Number: 525602

... Connects your desktop or laptop PC to
  a wireless network

... Dual-band (2.4 GHz and 5 GHz) operation provides
  twice the bandwidth and less interference

... Ideal for streaming HD-quality video, playing online
  games, downloading large files and making VoIP calls

... High transfer data rate – up to 433 Mbps (5 GHz)
  or 150 Mbps (2.4 GHz)

# USB 3.0 Gigabit Adapter

Model Number: 506847

... Upgrade your notebook or desktop computer
  to full gigabit speeds

... Quick and reliable sharing of large files
  over your network

... Supports SuperSpeed USB 3.0 interfaces and is
  downward compatible to High-Speed USB 2.0
  and USB 1.1

... Hot-swappable (no need to power down)

# SimpleNet™
Model Number: 506663

… Creates a high-speed 500 Mbps home network
via your home's power lines

… Provides network access for gaming consoles,
Web-ready TVs, computers and more

… Ideal for HD-quality video streaming and online gaming

… Plug and play — installs in minutes with no drivers

# SimpleNet™ Starter Kit
Model Number: 506670

… Kit includes two SimpleNet adapters

… Creates a high-speed 500 Mbps home network
via your home's power lines

… Provides network access for gaming consoles,
Web-ready TVs, computers and more

… Ideal for HD-quality video streaming and
online gaming

# Multimedia +

Extreme performance Wi-Fi

**Ideal For:**

Cloud-Based Applications

Superior Media Streaming

Heavy Traffic Networks

Home and Office Use

**1200AC Wireless Router**

**Range+ 1200AC Wireless Adapter**

## Benefits of Wireless AC

- Compatibility with any Wi-Fi device
- More stable connections
- Faster file downloads
- Smoother video and music streaming
- Near-immediate peer-to-peer sharing

# What is Wireless AC?

As part of our new Home Networking line, Manhattan is releasing a Dual-Band Wireless Router and two Wireless USB Adapters that use the new 802.11AC wireless standard (Wireless AC).

## What is Wireless AC?

Wireless AC is the latest and greatest Wi-Fi standard, capable of delivering data transfer speeds and range that far surpasses the Wireless N and Wireless G standards used by most devices on the market today. It has dual-band capability, allowing it to handle a large number of connected devices with little interference. Plus, it uses "beamforming" technology to dramatically improve wireless signal range and fidelity.

## Will it work with my existing wireless devices?

YES! Any Wi-Fi device in your home can and will work with a Wireless AC router. But, devices equipped with Wireless AC (or those using a Wireless AC USB Adapter) will enjoy higher performance.

## What are the advantages to upgrading to Wireless AC?

In addition to super-fast data speeds, greatly-improved range and total compatibility, Wireless AC also offers:
• Virtually no in-game lagtime or timeouts.
• Decreased buffer lag and no annoying resolution changes in music and videos.
• A more efficient and effective Wi-Fi standard, meaning less power consumption while transmitting data.

## The Bottom Line:

Wireless AC is the next generation of Wi-Fi. If you're shopping for a router, you probably want better performance for your network…and it doesn't get any better than this.

### Our Wireless AC products include:

| Model # | Product Name |
| --- | --- |
| 525602 | Mini 600AC Dual-Band Wireless Adapter |
| 525572 | Range+ 1200AC Dual-Band Wireless Adapter |
| 525480 | 1200AC Wireless Dual-Band Router |

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# 1200AC Wireless Router
Model Number: 525480

…   Create a wireless dual-band network in your home and connect your devices to the Internet in minutes

…   Easy setup with the Manhattan ExpressWay™ utility

…   Ideal for streaming HD-quality video, playing online games, downloading large files and making VoIP calls

…   The latest in wireless technology transfer delivers up to 867 Mbps (5 GHz) and 300 Mbps (2.4 GHz) speeds

# Range+ 1200AC  Wireless Adapter
Model Number: 525572

…   Connects your desktop or laptop PC to a wireless network

…   Dual-band operation provides twice the bandwidth and less interference

…   Ideal for streaming HD-quality video, playing online games, downloading large files and making VoIP calls

…   Very high transfer data rate – up to 867 Mbps (5 GHz) or 300 Mbps (2.4 GHz)

# Work Smarter, Play Harder
## with Manhattan® Wireless Routers

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- **Good Performance** (orange)
- **Excellent Performance** (green)
- **Amazing Performance** (blue)

| | 300N Wireless Router | 1200AC Dual-Band Wireless Router |
|---|---|---|
| | Model Number: 525466 | Model Number: 525480 |
| Wireless Standard | Wireless N (802.11n) | Wireless AC (802.11ac) |
| Broadcast Band | 2.4 GHz | 2.4 GHz/5 GHz |
| Link Speed | 300 Mbps | 300 Mbps/867 Mbps |
| Bandwidth | (( ○ )) | (((( ○ )))) |
| **Router is Good For:** | | |
| Web Surfing & E-Mail | Amazing (blue) | Amazing (blue) |
| Social Media & Web Chat | Amazing (blue) | Amazing (blue) |
| Downloading Music & Files | Amazing (blue) | Amazing (blue) |
| Wireless Printing | Amazing (blue) | Amazing (blue) |
| Watching Online Videos | Excellent (green) | Amazing (blue) |
| Casual Online Gaming | Excellent (green) | Amazing (blue) |
| Multi-File Downloads | Excellent (green) | Amazing (blue) |
| Streaming Movies & Music | Excellent (green) | Amazing (blue) |
| VoIP Calling | Excellent (green) | Amazing (blue) |
| HD Video Streaming | Excellent (green) | Amazing (blue) |
| Competitive Online Gaming | Good (orange) | Amazing (blue) |
| Video Chat | Good (orange) | Amazing (blue) |
| Multi-Device Downloads | Good (orange) | Amazing (blue) |
| Cloud-Based Applications | | Excellent (green) |
| Superior Media Streaming | | Excellent (green) |
| Heavy Traffic Networks | | Excellent (green) |
| Warranty | 3 Years | 3 Years |
| Use with | All 150N or 300N Wireless Adapters | 600AC Dual-Band Wireless Adapter or 1200AC Dual-Band Wireless Adapter |

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# Work Smarter, Play Harder
## with Manhattan® Wireless Adapters

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- **Good Performance** (orange)
- **Excellent Performance** (green)
- **Amazing Performance** (blue)

| | Micro 150N Wireless Adapter | Range+ 150N Wireless Adapter | Mini 300N Wireless Adapter | Range+ 300N Wireless Adapter | Mini 600AC Dual-Band Wireless Adapter | Range+ 1200AC Dual-Band Wireless Adapter |
|---|---|---|---|---|---|---|
| | Model Number: 525503 | Model Number: 525510 | Model Number: 525527 | Model Number: 525534 | Model Number: 525602 | Model Number: 525572 |
| Wireless Standard | Wireless N (802.11n) | Wireless N (802.11n) | Wireless N (802.11n) | Wireless N (802.11n) | Wireless AC (802.11ac) | Wireless AC (802.11ac) |
| Broadcast Band | 2.4 GHz | 2.4 GHz | 2.4 GHz | 2.4 GHz | 2.4 GHz/5 GHz | 2.4 GHz/5 GHz |
| Link Speed | 150 Mbps | 150 Mbps | 300 Mbps | 300 Mbps | 150 Mbps/433 Mbps | 300 Mbps/867 Mbps |
| Range | ( ○ ) | (( ○ )) | (( ○ )) | ((( ○ ))) | ((( ○ ))) | (((( ○ )))) |
| **Adapter is Good For:** | | | | | | |
| Web Surfing & E-Mail | Amazing | Amazing | Amazing | Amazing | Amazing | Amazing |
| Social Media & Web Chat | Amazing | Amazing | Amazing | Amazing | Amazing | Amazing |
| Downloading Music & Files | Amazing | Amazing | Amazing | Amazing | Amazing | Amazing |
| Wireless Printing | Excellent | Amazing | Amazing | Amazing | Amazing | Amazing |
| Watching Online Videos | Excellent | Excellent | Excellent | Excellent | Excellent | Amazing |
| Casual Online Gaming | Excellent | Excellent | Excellent | Excellent | Excellent | Amazing |
| Multi-File Downloads | Good | Excellent | Excellent | Excellent | Excellent | Amazing |
| Streaming Movies & Music | Good | Good | Excellent | Excellent | Excellent | Amazing |
| VoIP Calling | | Good | Good | Good | Excellent | Amazing |
| HD Video Streaming | | | Good | Excellent | Excellent | Amazing |
| Competitive Online Gaming | | | Good | Good | Excellent | Amazing |
| Video Chat | | | Good | Good | Excellent | Excellent |
| Cloud-Based Applications | | | | | Good | Excellent |
| Superior Media Streaming | | | | | Good | Excellent |
| Heavy Traffic Networks | | | | | Good | Excellent |
| Warranty | 3 Years | 3 Years | 3 Years | 3 Years | 3 Years | 3 Years |
| Use with | 300N Wireless Router | 300N Wireless Router | 300N Wireless Router | 300N Wireless Router | 1200AC Dual-Band Wireless Router | 1200AC Dual-Band Wireless Router |

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