ComX Computers
Product Specification Sheet

MER-MR20

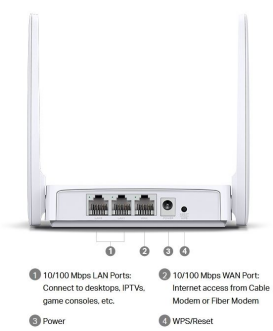
Mercusys MR20 AC750 Dual-Band Wi-Fi Router

Product Overview

Mercusys MR20 AC750 Dual-Band Wi-Fi Router, 300 Mbps at 2.4 GHz + 433 Mbps at 5 GHz, Router mode / Range Extender mode / Access Point mode, 1x 10/100 Mbps WAN Port, 2x 10/100 Mbps LAN Ports, 2x 5 dBi fixed Omni-Directional antennas







Specifications

Overview:

MR20 - AC750 Wireless Dual Band Router

- AC750 Dual Band WiFi - Enjoy home entertainment without any lag, reaching speeds up to 750 Mbps (433 Mbps on the 5 GHz band and 300 Mbps on the 2.4 GHz band)
- Broader Coverage - 2x high-gain external antennas boost stable omnidirectional connections throughout your home for strong WiFi signals in every corner
- Multi-Mode - Router mode, Access Point Mode, and Range Extender mode in one device to satisfy all application scenarios
- Easy installation - Intuitive webpage guides you through the setup process in minutes
- Easily Manage Your Home Network - Varied software functions such as Parental Controls, QoS, and Guest Network for safety and effectiveness
- IPTV and IPv6 Supported

Features:

High-Speed Home Wi-Fi. Palm Sized
AC750 Wireless Dual Band Router

Dual Band WiFi Delivers Fast Connections
Complying with the powerful 802.11ac standard, MR20 delivers fast dual band WiFi speeds up to 750 Mbps. Choose the 2.4 GHz band (300 Mbps) that transmits signals with better wall penetration for longer distance as you browse the internet, email a colleague, or share a link on social media. When youre streaming HD videos, gaming, or other bandwidth-intensive tasks, choose the 5 GHz band (433 Mbps) which delivers higher speeds with less interference.†

Far-Reaching Coverage with Stable Transmission
With 2 fixed high gain external antennas combined with progressive antenna technology, you can experience excellent wireless performance with stable signal in every direction and high speed across greater distances. This provides you with

incredible wireless coverage and reliability from anywhere in your home or office.

Multi-Mode to Meet Any Network Need

- Router ModeCreates a wireless network for all your WiFi devices
- Range Extender ModeExtends your existing WiFi
- Access Point ModeExtends a wired network and makes it wireless

Customize Your Home Network
Simplify the management of your home network with a variety of software features for added security and higher effectiveness.

Powerful Parental Controls
MR20 comes with a powerful parental controls to keep your kids safe when theyre online. MR20 makes it easy to schedule WiFi access, set time limits, and block inappropriate contents for different family members. You can even pause the internet when its time for dinner to make it easier for everyone to put their devices down.

Guest Network
The Guest Network function provides secure access for guests to use your Wi-Fi network. Share with anyone, without compromising your private network. Make sharing easy and maintain security.

Simple Setup
No need for complicated configuration. Simply follow the step-by-step instructions on the intuitive webpage to get set up in minutes.

Rigorous Testing for High-Quality Products

- UES Stability Test>= 1500 hours Working in a device-rich environment
- Power ON/OFF Test>= 10,000 test cycles Cumulative number over 3 scenarios
- Extreme Environment Test>= 7200 hours Devices work continuously in extreme environments
- Vibration Test>= 100 cycles Cumulative testing with multiple devices for product endurance
- Drop Test>= 30 cycles Dropping from 6 surfaces 80 cm high to a concrete floor
- Memory Stress Test>= 900,000 cycles Consecutive memory read and write tests

*All data is based on MERCUSYS lab testing.

Specifications:

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Specifications	
Product Code	MER-MR20
Wireless	
Signal Rate	300 Mbps (2.4 GHz) + 433 Mbps (5 GHz)
	compatible with 11ac/a/b/g/n Wi-Fi standards

Reception Sensitivity	2.4G
	11g 6Mbps: -94dBm
	11g 54Mbps: -77dBm
	11n HT40 MCS7:-73dBm
	11n HT20 MCS7:-76dBm
	5G
	11a 6Mbps:-93dBm
	11a 54Mbps:-75dBm
	11ac VHT20 MCS8:-70dBm
	11ac VHT40 MCS9:-65dBm
	11ac VHT80 MCS9:-62dBm
Transmission Power	2.4 GHz < 20dBm (EIRP)
	5 GHz < 23dBm (EIRP)
Wireless Security	WPA-PSK / WPA2-PSK
Software	
Operation Modes	Router Mode, Range Extender Mode, Access Point Mode
WAN Type	Dynamic IP/Static IP/PPPoE/L2TP/PPTP
Management	Access Control
	Local Management
	Remote Management
DHCP	Server, DHCP Client List
NAT Forwarding	Port Forwarding, Port Triggering, UPnP, DMZ
Firewall Security	SPI Firewall, IP and MAC Address Binding
Guest Network	2.4 GHz Guest Network, 5 GHz Guest Network
Hardware	
Dimensions (W X D X H)	4.5 x 3.7 x 1.0 in (114 x 94 x 26 mm)
Interfaces	1x 10/100 Mbps WAN Port, 2x 10/100 Mbps LAN Ports
Button	Reset/WPS Button
Antenna Type	2x 5 dBi Fixed Omni-Directional Antennas
Others	
Package Contents	AC750 Wi-Fi Router (MR20)
	Power Adapter
	Quick Installation Guide
	RJ45 Ethernet Cable
Environment	Operating Temperature: 0 degreesC~40 degreesC (32 degreesF~104 degreesF)
	Operating Humidity: 10%~90% Non-Condensing
	Storage Humidity: 5%~90% Non-Condensing

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/MER-MR20-Mercusys-MR20-AC750-Dual-Band-Wi-Fi-Router-p-275703.php

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