



**Xiaomi Mesh System BE3600
Pro 1-Pack | Wi-Fi Router |
BE3600 WiFi7, Dual Band, 2.5
GbE RJ45**



link to the product:
<https://www.batna24.com/gb/p/routers/xiaomi-mesh-system-be3600-pro-1-pack-wi-fi-router-be3600-wifi7-dual-band-25-gbe-rj45>

Price: **459.00 zł** gross / 373.17 zł net



Manufacturer: XIAOMI
Referention number: DNXGJONRDRMMOJ

Information:

Xiaomi Mesh System BE3600 Pro is a home Wi-Fi 7 mesh system that provides stable internet throughout an apartment or house, including through thick walls and across several floors. It offers a total speed of up to 3570 Mb/s, MLO, OFDMA and 4K QAM technologies, as well as 4 independent signal amplifiers for better coverage and lower latency. A Qualcomm quad-core processor and support for up to 256 devices ensure smooth operation of multiple devices at the same time. The 2,5 Gb/s port, NFC, Bluetooth Mesh gateway and compatibility with Xiaomi HyperOS Connect make it easy to connect quickly and expand a smart home. Built-in security features, parental controls and a minimalist casing complete the package.

Product features

Storage relative humidity (H-H)	5 - 90%
Antenna type	Internal
LED indicators	Yes
Indoor unit width	178 mm
Indoor unit depth	70 mm
Indoor unit height	217.2 mm
Security algorithms	WPA2-PSK
Storage temperature (T-T)	-40 - 70 °C
Humidity measurement range	10 - 90%
Ethernet LAN (RJ-45) ports	4
Operating temperature (T-T)	0 - 40 °C
Reset button	Yes
Wi-Fi band	Dual-band (2.4 GHz / 5 GHz)
Wi-Fi standards	802.11a
Bluetooth	Yes

Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Antennas quantity	4
Product colour	Grey
WLAN data transfer rate (first band)	688 Mb/s
WLAN data transfer rate (second band)	2882 Mb/s
Ethernet WAN	Yes
WLAN data transfer rate (max)	2882 Mb/s

Full product description

Stable Wi-Fi 7 throughout the whole home

Xiaomi Mesh System BE3600 Pro is a Wi-Fi 7 mesh system for the home that supports fast connectivity across multiple rooms and in layouts with complex wall structures. It offers **3570 Mb/s** of total wireless speed and even coverage where a standard router loses signal. It is a practical solution for flats and houses where consistent internet performance matters without manual network switching.



Key benefits

- **Wi-Fi 7** – higher throughput and better support for multiple devices at once.
- **MLO** – devices connect to two bands at the same time, which reduces latency and stabilises transmission.
- **4 independent signal amplifiers** – stronger coverage through walls and at the edges of the home.
- **2.5 Gb/s port** – full use of fast wired internet.
- **Preconfigured mesh set** – quick setup without manually pairing each node.
- **Xiaomi HyperOS Connect support** – smoother integration with the smart home ecosystem.

**Prędkość bezprzewodowa
3570 Mb/s**

Wi-Fi 7

48%
Wzrost teoretycznej
stawki

180%
Wzrost stawek
za połączenia
międzyklatkowe

160%
Wzrost
przepustowości

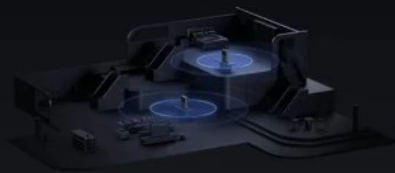
**Opcja pakietu wielokrotnego dla
elastycznych rozwiązań w
zakresie pokrycia kosztów**



**Całkowicie nowy
czterordzeniowy procesor
Qualcomm**



4 niezależne wzmacniacze sygnału
Niezawodna łączność przez ściany



Operacja wielopunktowa (MLO)

Port o dużej prędkości 2,5 Gb/s



OFDMA

4K QAM

Faster data transmission

The system uses **OFDMA** and **4K QAM** technologies, allowing it to distribute bandwidth more effectively among multiple devices and increase the amount of data transmitted at the same time. In practice, this means smoother video playback, shorter download times and more stable performance when using several devices simultaneously. This is important in homes where several people are gaming, working and streaming online content at the same time.



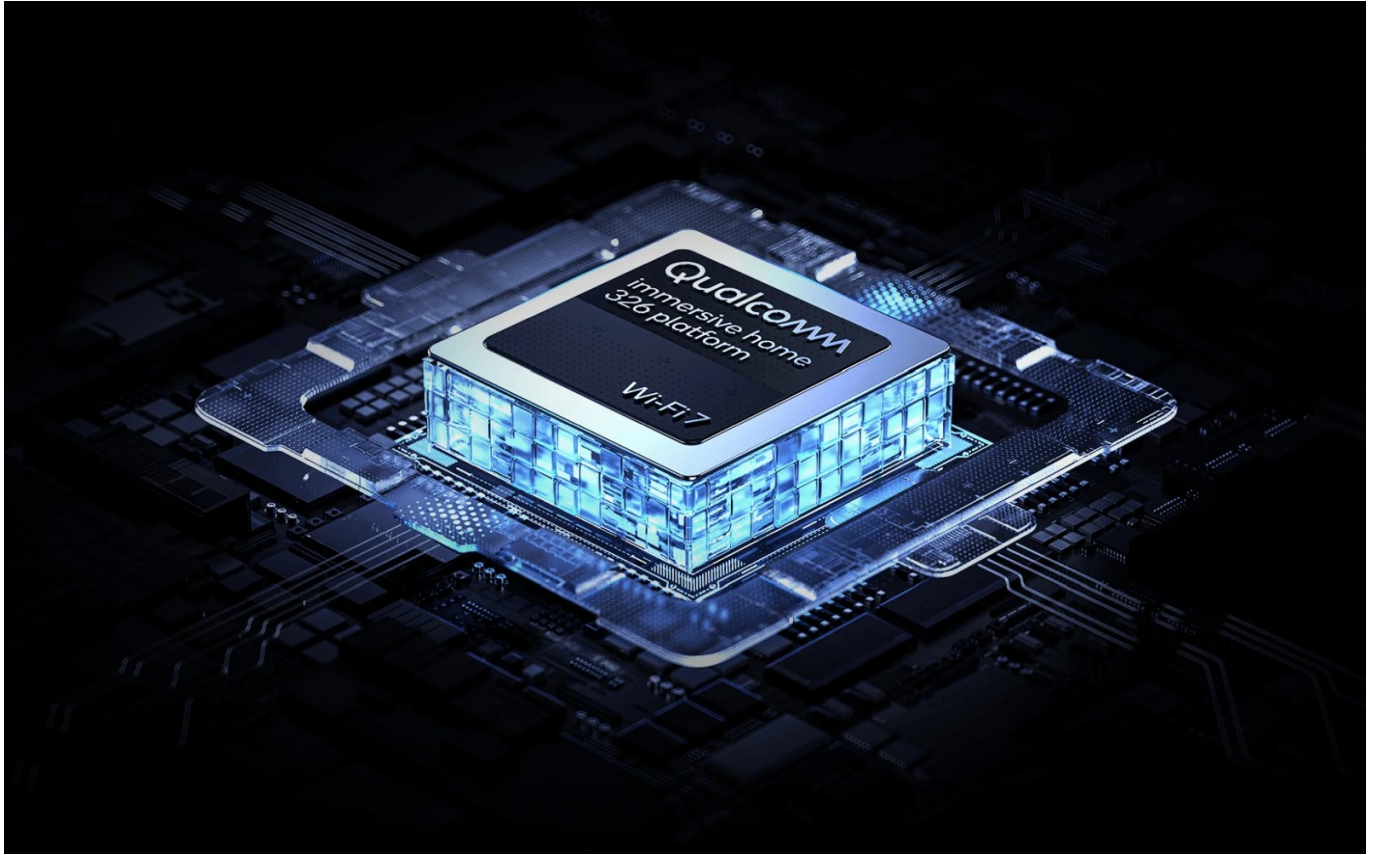
Coverage in difficult conditions

Mesh works well where the signal has to pass through several walls, stairs or long corridors. The 2- and 3-unit set connects automatically after startup, and home devices move between nodes without manual network switching. As a result, the internet remains available in the bedroom, study, bathroom or upstairs, without the usual dead zones.



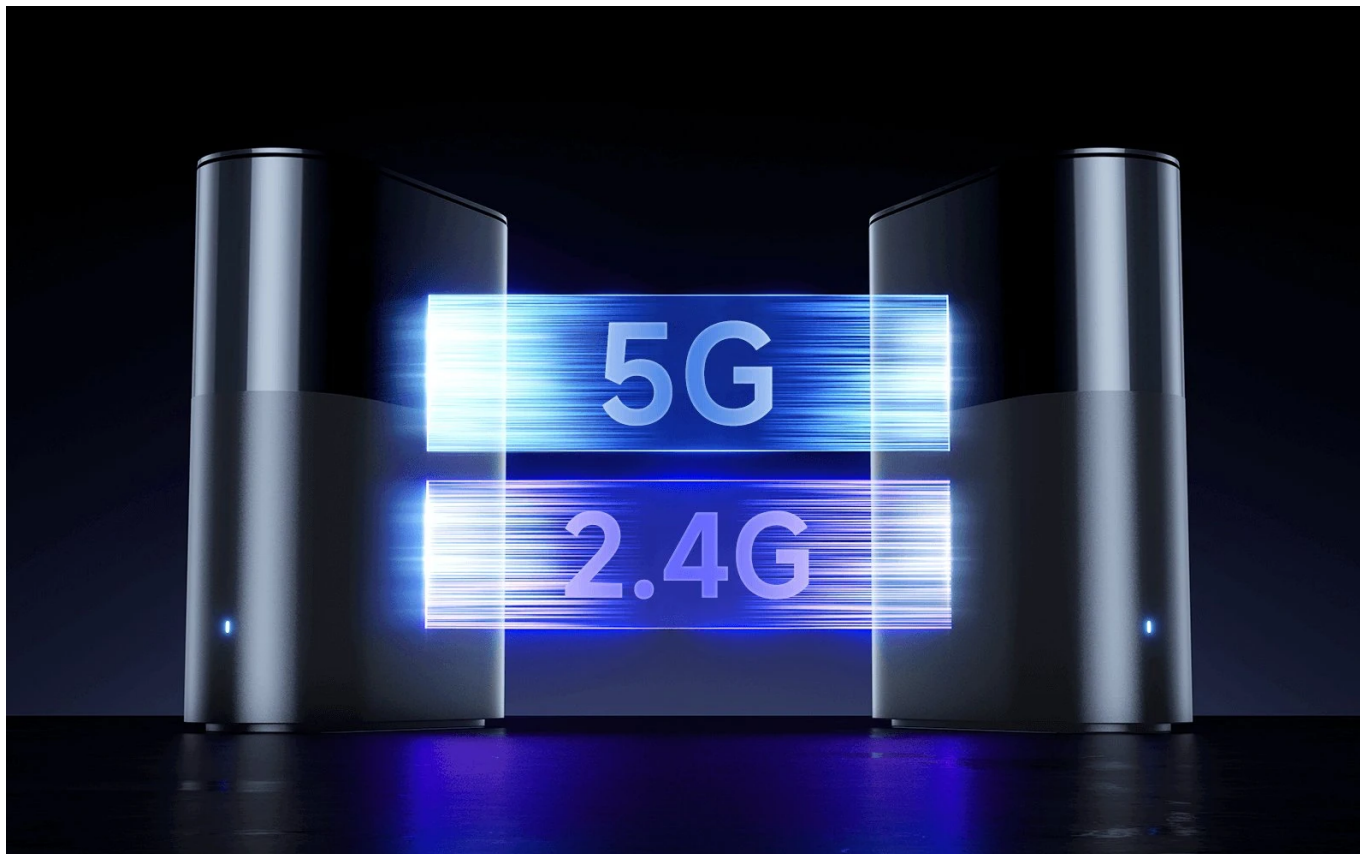
Performance for multiple devices

Inside is a **quad-core Qualcomm processor**, which increases computing power by **120%** compared with previous solutions in this series. The router supports up to **256 devices** simultaneously in a multi-unit configuration, so it can handle phones, laptops, televisions, cameras and smart home accessories. This matters when the network needs to remain stable throughout the home without performance drops.



Wired connection and broadband

The **2.5 Gb/s port** works with internet speeds of up to **2000 Mb/s**, so the wired connection does not limit the capabilities of the whole system. This is useful when working with large files, streaming in high resolution and connecting devices that require constant throughput. In addition, port aggregation and configurable ports are available, making it easier to adapt the installation to a home network.



One-touch connection

The router supports **NFC**, so an Android phone connects to the network simply by touching the casing, without entering a password. It also supports Xiaomi Bluetooth devices, which connect automatically via the built-in Bluetooth gateway. In everyday use, this shortens setup time and simplifies adding more devices to the home.



Home network security

Xiaomi Family NetShield provides round-the-clock network protection using hardware-, system- and app-level security. The package includes, among other things, a guest network, a firewall, data encryption and parental controls that limit online time and filter unsafe websites. It is a set of functions that organises internet access and protects the home network from unwanted traffic.



Minimalist casing

The casing without external antennas has a subdued grey character and suits a living room, study or bedroom. Inside, solutions supporting heat dissipation have been used, including ventilation channels and heatsinks, which stabilise operation during prolonged load. As a result, the device does not visually dominate the interior, while still maintaining suitable operating conditions.



Technical data

- **Product specification:**
 - **Dimensions:** 178 mm x 70 mm x 217.2 mm
 - **Colour:** Dark grey
- **Hardware specification:**
 - **Antenna:** 4 high-performance internal antennas
 - **NFC:** Supported
 - **Bluetooth Mesh gateway:** Supported
 - **Network port:** (1 x 2.5 Gb/s + 3 x 1 Gb/s) auto-sensing WAN/LAN port
 - **Indicator:** x1
 - **Mesh/Reset button:** x1
 - **Power port:** x1
 - **Protocol standard:** IEEE 802.11a/b/g/n/ac/ax/be, IEEE 802.3/3u/3ab
- **Wireless specification:**
 - **Band:** 2.4 GHz, 5 GHz
 - **Wi-Fi 2.4 GHz:** 688 Mb/s (802.11be)
 - **Wi-Fi 5 GHz:** 2882 Mb/s (802.11be)
- **Software specification:**
 - **Operating system:** MiWiFi ROM
 - **Wi-Fi encryption:** WPA-PSK/WPA2-PSK/WPA3-SAE encryption
 - **Management apps:** Supports a web browser and the Xiaomi Home app (Android, iOS)
- **Operating environment:**
 - **Operating temperature:** 0-40°C
 - **Operating humidity:** 10%-90% RH (non-condensing)
 - **Storage temperature:** -40-70°C
 - **Storage humidity:** 5-90% RH (non-condensing)
- **Package contents:**
 - **Xiaomi Mesh System BE3600 Pro (1-pack):** Router x1, power adapter x1, network cable x1, user manual x1, warranty card x1
 - **Xiaomi Mesh System BE3600 Pro (2-pack):** Router x2, power adapter x2, network cable x1, user manual x1, warranty card x1
 - **Xiaomi Mesh System BE3600 Pro (3-pack):** Router x3, power adapter x3, network cable x1, user manual x1, warranty card x1