Network details

Sharvesh-5GHz
Connected

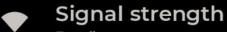| 🗑 Forget	✕ Disconnect	▦ Share

Signal strength
Excellent

Frequency
5 GHz

Security
• Security: weak · WPA/WPA2-Personal

Network usage
Detect automatically

Privacy

Auto-connect
Allow connection to this network when in range

Based on Image :

Network Name (SSID):

The device is connected to a Wi-Fi network named "Sharvesh-5GHz." The "5GHz" in the name indicates that this network operates on the 5 GHz frequency band, which is typically used by more modern Wi-Fi standards for faster speeds and less interference compared to the 2.4 GHz band.

Security: WPA/WPA2-Personal (Weak):

WPA/WPA2-Personal: This means the network supports both WPA and WPA2, which are older security standards. WPA2 was introduced in 2004 and is more secure than WPA, but both are now considered outdated compared to WPA3 (introduced in 2018).

Security: Weak: The "weak" label suggests that WPA/WPA2 is not as secure as modern standards like WPA3. WPA2, while still widely used, has known vulnerabilities (e.g., the KRACK attack discovered in 2017), and WPA3 provides better protection against such threats.

Network details

Type
Wi-Fi 5

Randomised MAC address
a6:e7:d3:4e:17:27

IP address
192.168.0.102

Gateway
192.168.0.1

Subnet mask
255.255.255.0

DNS
192.168.0.1

Transmit link speed
433 Mbps

Receive link speed
433 Mbps

IPv6 addresses
fe80::a4e7:d3ff:fe4e:1727

Type: Wi-Fi 5
The device is connected using the Wi-Fi 5 standard (802.11ac), which operates on the 5 GHz band and supports speeds up to 1.3 Gbps or higher with multiple streams.

Randomised MAC Address: a0:e6:7d:34:e1:77:27
The device uses a randomized MAC address for privacy, which changes to prevent tracking across networks.

IP Address: 192.168.0.102
The device's local IP address on the network.

Gateway: 192.168.0.1
The IP address of the router (gateway) that the device is connected to.

Subnet Mask: 255.255.255.0
Defines the network range, indicating a typical home network setup (allowing up to 254 devices).

DNS: 192.168.0.1
The DNS server address, set to the router's IP, meaning the router handles DNS requests.

Transmit Link Speed: 433 Mbps
The current speed at which the device is sending data to the network.

Receive Link Speed: 433 Mbps
The current speed at which the device is receiving data from the network.

IPv6 Addresses: fe80::a0e6:7dff:fe4e1:7727
The device's IPv6 address, used for modern internet protocols.