Wi-Fi 6 **Home**

Gigabit WAN Router (CX30),
AX3000, EasyMesh

Heimgard CX30 Wi-Fi 6 Home router provides the end-user with next generation Wi-Fi technology on 2.4Ghz and 5Ghz band. Three units create a high quality mesh system with a Wi-Fi coverage of 750m2. The CX30 router is powered by HeimgardOS, the most advanced operating system for mesh and gateways, based on openWRT. Completely flexible - Completely secure

Wireless Standard

- IEEE 802.11b/g/n/ax 2.4 GHz, data rate 600 Mbps 2T2R
- IEEE 802.11a/n/ac/ax 5 or 6 GHz, data rate 2400 Mbps 2T2R

Router/Bridge Features

- PPPoE (RFC 2516)
- PPPoA (RFC 2364)
- MAC encapsulation routing/IPoE
- Network Address Translation (NAT)
- NAT virtual server (port forwarding)
- DHCP client/server/relay with DHCP option 43/60/61/125
- DNS proxy/dynamic DNS
- Static/Policy route
- IGMP v1, v2, v3
- IPv4/IPv6

Wireless

- Wireless Protected Setup (WPS)
- WPA2/WPA2/WPA3 with TKIP & AES
- Multi SSID: up to 4
- MU-MIMO support
- 2x2 Internal antennas on 2.4Ghz and
- 2x2 Internal antennas on 5 Ghz

VLAN/QoS

- 802.1Q VLAN tagging/un-tagging
- Support flexible traffic classification

Firewall & Security

- Generic packet filter
- DoS attack prevention
- Parental control
- SPI Firewall

Key Features

- ▶ Wireless standards:
    IEEE 802.11b/g/n/ax 2.4 GHz
    IEEE 802.11a/n/ac/ax 5 GHz
- ▶ Signal rate:
    2.4 GHz: Up to 600 Mbps
    5 GHz: Up to 2400 Mbps
- ▶ 1 x 10/100/1000 RJ45 WAN/LAN Port
- ▶ 2 x 10/100/1000 RJ45 LAN Ports
- ▶ 2 x 2 antennas on 2.4Ghz 802.11ax
- ▶ 3 x 3 : 2 antennas on 5Ghz 802.11ax
- ▶ 256Mb NAND and 512 RAM
- ▶ 11x11x11cm housing
- ▶ Zigbee 3.0 (Smart home ready)
- ▶ USB-C power connection
- ▶ Prepared for LTE & battery docking

Order no.: 132217

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Management

- Web/HTTPS: Multi level log-in via SSH
- Firmware upgrade via web/TFTP/FTP/TR-069/Cloud OTA
- Text based configuration
- Configuration backup/update/ restore default via Web
- Support TR069 and USP and MQTT
- TR-111 and TR-181
- SNMP v1, v2, v3

HeimgardOS Features

- Continuously updated
- End-to-end encryption (between app, CPE, and cloud)
- OpenWRT based
- Value added services enabled

Package Content

- Power adapter
- Ethernet cable
- Quick start guide

Heimgard Connect App

Set up and manage your home network with an easy-to-use app. Wi-Fi setup, client information, multiple locations support, plug-and-play pairing, and value added services.

Button

- **One reset button**
- **One WPS on** / off button

Power Supply

- 12 V DC/ 1,5 A USB-C

Environmental Specifications

Temperature:
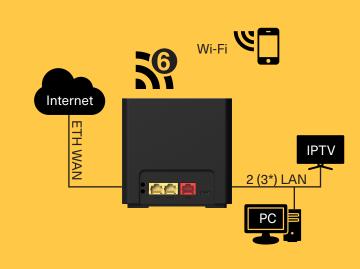- Operating: 0°C to 40°C, Storage: -30°C to 70°C

Humidity:
- Operating humidity: 10 to 90% RH (Non-condensing)
- Storage humidity: 10 to 95% RH (Non-condensing)

Physical Specifications

- Dimensions : 11 x 11 x 11 cm

Certification

- CE , NOM, Wi-F Alliance

+ Various value added services

* 3 LAN ports when connected wireless and used as mesh node.