HT-6766BEM

Active ETH Gateway
BE18100 Tri-Band WiFi7



Main Chipset

BCM6766

Quad-Core ARM-A7 processor@2GHz





Access

10G Active ETH

Multi Service

Containerized SW

Cyber

Parental Control

WiFi 7

2.4G 2X2

5G 4X4

6G 4X4

Multi Link Operation

Easy Mesh R5

OpenSync ready

(6.2 in roadmap)



Product Specifications



Wireless Standard 802.11 a/b/g/n/ac/ax/be

Wireless Signal Rates Up to 18.1 Gbps

2.4GHz Band IEEE 802.11be; MU-MIMO 2x2@40MHz;

2 Streams up to 700 Mbps

5GHz Band IEEE 802.11be: MU-MIMO 4x4@160MHz:

4 Streams up to 5.8 Gbps

6GHz Band IEEE 802.11be; MU-MIMO 4x4@320MHz;

4 Streams up to 11.6 Gbps

Multi link operation (MLO) Concurrent operation of 6G+5G+2.4G

Beamforming Supported BSS coloring Supported

Multi-SSID Supported, including Guest network

Operating Mode Auto by default

Wireless Communication Enable

WPA / WPA2 / WPA3 Wireless Security

Auto channel selection Supported Single SSID Supported

Steering Band & Client steering

Security Enabled SSID Broadcast Control Enabled

Wireless Auto Transmission speed EasyMesh Rel5 Supported

Matter Supported (Optional) BLE + Zigbee + Thread

Network Features.

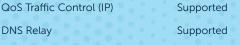
Active ETH 10Gbps link speed PPPoE, DHCP, static IP WAN connectivity on connectivity DHCP by default

NAT Supported MultiRangePort Forwarding Supported

Virtual server, special Application & DMZ host

DHCP Server Supported UPnP, DDNS Supported MAC Address Cloning Supported **IGMP Snoop** Supported

DNS Relay





NAT for basic firewall support Supported Packet filtering firewall Supported Password authentication to gateway Supported



System Features.

Configuration download / upload Supported Telnet / SSH Supported **SNTP** Supported USP Remote management Supported Self-Healing Supported TR-069 / TR-181 Supported Echo mode (wireless switch schedule) Supported



Physical Features.

Interface WAN, FXS, Ethernet, Power, **USB3.1**

Power Supply 12V 4A DC

Button Reset, Power On/Off, WPS,

WiFi On/Off

Dimension 218mm x 170mm x 56mm

Operating Temperature 0° C ~ 40° C

Operating Humidity 10% ~ 90%, noncondensing

-20° C ~ 70° C Storage Temperature

Storage Humidity 5% ~ 90%, noncondensing



Smart Led

LED control Shut down when dark Red Boot or network fail Blue ready to install White Internet access Internet access without Green

WiFi connectivity

Interface.



