HT-6766BEM

Active ETH Gateway
BE18100 Tri-Band WiFi7

HEIGHTS

AMT
advanced media technologies

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
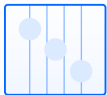
OpenSync ready
(6.2 in roadmap)

Product Specifications

Wireless Features.

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
Wireless Security	WPA / WPA2 / WPA3
Auto channel selection	Supported
Single SSID	Supported
Steering	Band & Client steering
Security	Enabled
SSID Broadcast Control	Enabled
Transmission speed	Wireless Auto
EasyMesh Rel5	Supported
Matter Supported (Optional)	BLE + Zigbee + Thread

Network Features.

Active ETH	10Gbps link speed
PPPoE, DHCP, static IP connectivity	WAN connectivity on DHCP by default
NAT	Supported
MultiRangePort Forwarding Virtual server, special Application & DMZ host	Supported
DHCP Server	Supported
UPnP, DDNS	Supported
MAC Address Cloning	Supported
IGMP Snoop	Supported
QoS Traffic Control (IP)	Supported
DNS Relay	Supported

Smart Led.

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

Security Features.

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
Dimensions	218mm x 170mm x 56mm
Operating Temperature	0º C ~ 40º C
Operating Humidity	10% ~ 90%, noncondensing
Storage Temperature	-20º C ~ 70º C
Storage Humidity	5% ~ 90%, noncondensing

Interface.

1xFXS

FXS

USB 3.1

USB3.1

LAN1

3x1GE RJ45

LAN2

LAN3

10G LAN

10GE RJ45 LAN

10G WAN

10GE RJ45 WAN

WPS Button

WPS

WiFi ON/OFF

WIFI

Power ON/OFF

ON/OFF

Power Jack

POWER