

FG630 Datasheet 01

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Product Overview

The Huawei eKitOptiX FG630 is a dual-band edge ONT that supports gigabit access over both Wi-Fi 6 and Ethernet gigabit network ports.

- Next-generation Wi-Fi 6 MU-MIMO technology
- Strong anti-interference capability, wide coverage, and network self-healing
- One-click pairing and automatic networking
- Ethernet port auto-sensing for LAN or WAN mode
- Mesh network (tree type)



NOTE

The appearances shown in this document may differ from the actual appearances of the products. The actual products prevail.

Hardware Specifications

Specification	Parameters
Dimensions (H x W x D)	140mm x 188mm x 35mm (excluding the base)
NNI	GE or Wi-Fi (NNI/UNI multiplexing)
UNI	<ul style="list-style-type: none"> GE uplink: 2 x GE + 2.4GHz & 5GHz Wi-Fi 6 Wi-Fi uplink: 3 x GE + 2.4GHz & 5GHz Wi-Fi 6
Rated power supply	12 V DC, 1 A
Static power consumption	5 W
Maximum power consumption	< 12 W
Antenna type	Built-in antenna
Operating temperature	0°C to 40°C
Operating humidity	5%–95% RH, non-condensing
Weight (excluding adapter)	About 331 g
Protection rating	IP20
Surge protection	<ul style="list-style-type: none"> AC power supply (Power Adapter): 6 kV in common mode and 4 kV in differential mode GE: 2.5 kV in common mode
Heat dissipation	Natural cooling
Installation mode	Vertically placed on a desk

Port Parameters

Name	Parameter
GE port	<ul style="list-style-type: none"> RJ-45 port 10/100/1000 Mbit/s auto-sensing Limit on the number of learned MAC addresses MAC address learning
2.4GHz/5GHz Wi-Fi 6	<ul style="list-style-type: none"> IEEE 802.11 b/g/n/ax (2.4GHz) IEEE 802.11 a/n/ac/ax (5GHz) 2 x 2 MIMO (2.4GHz & 5GHz) Air interface rate: <ul style="list-style-type: none"> 574 Mbit/s (2.4GHz) 2402 Mbit/s (5GHz) Maximum number of access users: 64 WMM (Wi-Fi Multimedia) Beamforming Band steering

Name	Parameter
	<ul style="list-style-type: none"> • 160 MHz channel width • WPA3 • MU MIMO


Product Functions

Feature	Description
Flexible networking	Working with gateway supports the following features: <ul style="list-style-type: none"> • Plug and play • One-click pairing and automatic networking • Automatic Wi-Fi configuration synchronization • Mesh network (tree type)
Smart interconnection	<ul style="list-style-type: none"> • 2 upstream modes: Ethernet upstream mode and Wi-Fi upstream mode • Working modes: <ul style="list-style-type: none"> – Routing mode (Ethernet or Wi-Fi upstream transmission) – Bridging mode (Ethernet or Wi-Fi upstream transmission, supporting 2-level cascading networking) • Auto-sensing of LAN or WAN on the network port (Internet access available when the network cable is connected to either port) • Auto-detection of Internet access mode (PPPoE/DHCP)
O&M	<ul style="list-style-type: none"> • Web UI • Dual-system software backup and rollback
L3 features	<ul style="list-style-type: none"> • PPPoE/static IP/DHCP • NAT/NAPT • Port forwarding • ALG, UPnP • DDNS/DNS server/DNS client • IPv6/IPv4 dual stack • Static/default routes
Security	<ul style="list-style-type: none"> • SPI firewall • Parent control

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