

Edge Hub M300 Hardware Specifications

The table below lists the published hardware specifications of Aqara Edge Hub M300 (global model HM-G04D).

Category	Parameter	Value
Basic Information	Product Name	Edge Hub M300
	Product Model	HM-G04D (Global) / ZHWG27LM (CN)
	SKU / Product ID	AG048GLB02 / A01841 (Global); AG048CNB01 / A01842 (CN)
	Product Color	White
	Housing Material	PC + ABS
Hardware Configuration	DDR	1 GB DDR
	Onboard Storage	64 GB eMMC
	Expansion Storage	microSD card slot, up to 512 GB
	Wi-Fi	IEEE 802.11 a/b/g/n/ac, 2.4 GHz / 5 GHz (Wi-Fi 5), WPA3
	Zigbee / Thread	IEEE 802.15.4
	Bluetooth	Supported(Bluetooth version 5.1)
	Ethernet	RJ45, 100 Mbps
	Power Interface	USB Type-C, 5V $\overline{\text{---}}$ 2A (power adapter not included)
	PoE	IEEE 802.3af via RJ45, 48V $\overline{\text{---}}$ 0.27A. If Type-C and PoE are both connected, the hub draws power from PoE first.
	Indicator	1 RGB status LED
	Button	1 protruding function button (pairing, alarm cancellation, reset, etc.)
	Speaker	Ringtones and voice prompts
	Infrared	6 IR emitters + 1 IR receiver; IR learning and remote control
	Type-C Data	Power and data. A 4G/5G module can be attached via a dock for

		cellular uplink.
Software Features	On-device Platform	Aqara Studio preinstalled (Classic, Flow, Logic, Graph)
	Multi-Protocol Hub	Out-of-box: Zigbee, Thread, Home Assistant, KNX IP, Modbus TCP, BACnet IP. Other protocols via plugins.
	Matter Roles	Thread Border Router; Matter Controller / Commissioner; Matter Bridge (Aqara Zigbee to third-party Matter).
	Local Automation	Automations are stored and executed locally on the hub.
Certifications	Certifications	SRRC, FCC, CE, RoHS, EAC
Power Input	Power Input	5V $\overline{\text{---}}$ 2A (USB Type-C) or 48V $\overline{\text{---}}$ 0.27A (IEEE 802.3af PoE)
Operating Temperature	Operating Temperature	–10°C to 50°C
Operating Humidity	Operating Humidity	0%–95% RH, non-condensing
Product Dimensions	Product Dimensions	105 × 105 × 36.5 mm
Package Dimensions	Package Dimensions	Approx. 111 × 112 × 58 mm
Net Weight	Net Weight	160 g
Installation	Installation	Desktop, wall, or ceiling mount; indoor use. Power via USB Type-C or PoE.
Package Contents	Package Contents	Edge Hub M300 ×1, User manual ×1, USB-A to USB-C cable (1 m) ×1, Mounting bracket ×1, Mounting screw ×1. Power adapter is not included.

Note: When Type-C and PoE are connected at the same time, the hub draws power from PoE first. A 5 VDC 2 A adapter is required for Type-C powering and is not included in the box.