Wi-Fi 7 ACCESS POINT

i3570 series

Entry-level Wi-Fi 7 Access Point



The Icotera i3570 is a cost-effective dual-band Wi-Fi 7 access point built for operators who want modern 802.11be performance at residential scale without a premium price tag. With 2×2 on 2.4 GHz and 3×3:2 on 5 GHz, Multi-Link Operation, and Wi-Fi EasyMesh™ R6, it works as a freestanding managed access point or as a mesh agent next to a larger Icotera gateway.

- Cost-effective dual-band Wi-Fi 7 (2×2 + 3×3:2), BE3600 class
- EasyMesh R6 agent and controller
- 2.5 Gbps non-blocking switch architecture
- 2× 2.5G + 1× 1G Ethernet
- TR-181 / TR-069 managed multi-AP





Compact tower, clear status

A slim freestanding enclosure keeps the footprint small on a shelf or media unit. The front carries the WPS / mesh button and a single RGB status LED so end-users get unambiguous power, link, and mesh feedback without a row of port lights.

All cabling at the rear

Power and Ethernet sit on the I/O face so cables drop cleanly out of sight. Labelled jacks — 2× 2.5G and 1× 1G Ethernet, DC, On/Off and reset — make first install straightforward for field techs and self-install customers alike.

Icotera

i3570 Entry-level Wi-Fi 7 Access Point

FEATURES

- Cost-effective dual-band Wi-Fi 7 access point
- BE3600 class with real Wi-Fi throughput above 2 Gbps
- Additional 5 GHz antenna for improved coverage and background DFS clearing
- Wi-Fi EasyMesh™ R6 agent and controller
- 2.5 Gbps non-blocking switch architecture
- Multi-Link Operation (MLO) for multi-band client links
- Dual-core ARM Cortex-A55 SoC with Wi-Fi offload
- Optional operator branding and customised firmware

NETWORK COMMUNICATION

LAN INTERFACE

- 2× 2.5 Gbps Ethernet (RJ45)
- 1× 1 Gbps Ethernet (RJ45)
- Full-duplex transmission
- Auto-negotiation for speed and duplex
- Energy-Efficient Ethernet (EEE)

LAYER 2

- IEEE 802.1d transparent bridge
- STP/RSTP
- IGMP v1/v2 snooping
- VLAN support
- Transparent IPv6 forwarding

WI-FI

- Dual-band concurrent 2.4 GHz and 5 GHz
- Up to 4 SSIDs
- Automatic channel selection
- Repeater mode
- Authentication methods: WPA3 Personal, Open, WPA2 Personal
- Downlink MU-MIMO and OFDMA
- Beamforming
- Client steering
- 802.11k/v roaming assistance
- WMM for resilient video and voice delivery
- Backwards compatible with previous Wi-Fi standards (6, 5, and 4)
- Multi-Link Operation (MLO) with multi-radio support
- EasyMesh R6 agent and controller
- Wired (IEEE 1905.1) and wireless backhaul
- WPS PBC AP onboarding

2.4 GHZ BAND (802.11BE)

- Bandwidth support: 20 MHz and 40 MHz
- MIMO: 2x2
- Modulation support: MCS 0-13
- Up to 4096-QAM modulation on Wi-Fi 7 clients

5 GHZ BAND

- Bandwidth support: 20 MHz, 40 MHz, 80 MHz, and 160 MHz
- MIMO: 3x3:2 (2 spatial streams)
- Modulation support: MCS 0-13
- Up to 4096-QAM modulation
- Continuous background ZW-DFS

MANAGEMENT AND MONITORING

- Shared IP interface for management
- Web interface for end users (Wi-Fi, LAN, status, firmware)
- Filters for local services
- SSHv2 with key authentication
- Zero-touch provisioning with DHCP and TR-069 (CWMP)
- Dual-bank flash memory with fail-safe firmware upgrading

SUPPORTED DATA MODELS

- TR-181 (Network), Device:2
- TR-069 with TLS (CWMP)
- TR-143 for performance data and throughput statistics
- Wi-Fi EasyMesh™ R6 multi-AP (IEEE 1905.1)

PHYSICAL SPECIFICATIONS

- Freestanding tower enclosure
- Size: 69 x 163 x 122 mm (W x H x D)
- Front RGB status LED and WPS / mesh button
- On/Off and reset buttons
- I/O panel: 2× 2.5G + 1× 1G Ethernet

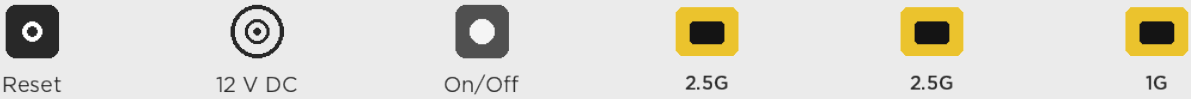
OPERATIONAL SPECIFICATIONS

- DC 12 V input
- Operating temperature: 0°C – 40°C
- Storage temperature: -30°C – 70°C
- Humidity: 5% – 95% (noncondensing)

INCLUDED IN THE BOX

- Icotera i3570 access point
- Ethernet cable
- 12 V power supply unit
- Additional label with Wi-Fi credentials

Icotera i3570 configuration options



Rear interface (bottom to top on tower enclosure)

Model	Ethernet	PSU	Wi-Fi	Peak Wi-Fi link rate	Radio chains
i3570-00	**2× 2.5G + 1× 1G**	**EU PSU**	**Wi-Fi 7**	**3.6 Gbps (BE3600)**	**2×2 + 3×3:2**
i3570-01	**2× 2.5G + 1× 1G**	**UK PSU**	**Wi-Fi 7**	**3.6 Gbps (BE3600)**	**2×2 + 3×3:2**

For more information and feature requests, contact our Sales department at sales@icotera.com.

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