

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 role
- 1× 2.5G WAN + 1× 2.5G LAN + 1× 1G LAN
- 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 — 1× 2.5G WAN, 1× 2.5G LAN and 1× 1G LAN, power, DC and reset — make first install straightforward for field techs and self-install customers alike.

i3570 Entry-level Wi-Fi 7 Access Point

FEATURES

- Cost-effective dual-band Wi-Fi 7 access point
- 2x2:2 2.4 GHz + 3x3:2ss 5 GHz (BE3600 class, up to 3.6 Gbps)
- Wi-Fi EasyMesh™ R6 agent
- 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

WAN / LAN INTERFACE

- 1x 2.5 Gbps RJ45 WAN
- 1x 2.5 Gbps RJ45 LAN
- 1x 1 Gbps RJ45 LAN
- Full-duplex; auto-negotiation for speed and duplex
- Energy-Efficient Ethernet (EEE)

WI-FI

- Dual-band concurrent 2.4 GHz and 5 GHz
- Up to 8 SSIDs; automatic channel selection
- Authentication: WPA3 Personal, WPA3 Enhanced Open, WPA2 Personal, Open
- Downlink MU-MIMO and OFDMA; beamforming
- Band steering and 802.11k/v roaming assistance
- Client isolation; software Tx power control
- WMM for resilient video and voice; target wake time (TWT)
- Backwards compatible with Wi-Fi 6, 5, and 4

2.4 GHZ

- 2x2:2 MIMO; 20 / 40 MHz
- MCS 0-13; up to 4096-QAM on Wi-Fi 7 clients

5 GHZ

- 3x3:2ss MIMO; 20 / 40 / 80 / 160 MHz
- MCS 0-13; up to 4096-QAM

WI-FI 7 AND EASYMESH

- 802.11be dual-band 2x2 + 3x3:2 with MLO multi-radio support
- Restricted TWT; LDPC and STBC
- EasyMesh R6 multi-AP stack (agent role)
- Wired (IEEE 1905.1) and wireless backhaul
- WPS / WSC onboarding

LAYER 2

- IEEE 802.1d transparent bridge; VLAN support
- IGMP v1/v2 snooping; transparent IPv6 forwarding

MANAGEMENT AND MONITORING

- End-user web interface (Wi-Fi, LAN, status, firmware)
- Shared management IP; filters for local services
- SSHv2 with key authentication
- Zero-touch provisioning via DHCP and TR-069 (CWMP)
- Dual-bank flash with fail-safe firmware upgrade
- TR-143 diagnostics for throughput statistics

SUPPORTED DATA MODELS

- TR-181 Device:2 — primary ACS model
- TR-069 / CWMP — zero-touch CPE management
- TR-143 — network diagnostic and throughput tests
- Wi-Fi EasyMesh™ R6 multi-AP (IEEE 1905.1)

PHYSICAL SPECIFICATIONS

- Freestanding tower enclosure
- Size: 69 × 122 × 163 mm (W × D × H)
- Front RGB status LED and WPS / mesh button
- I/O panel: factory reset, 12 V DC, power on/off, 1x 2.5G WAN + 1x 2.5G LAN + 1x 1G LAN

OPERATIONAL SPECIFICATIONS

- DC 12 V input (1.5 A class PSU)
- Operating: 0°C – 40°C; storage: –30°C – 70°C
- Humidity: 5% – 95% (non-condensing)

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

Model	Ethernet	PSU	Wi-Fi	Peak Wi-Fi link rate	Radio chains
i3570-00	1x 2.5G WAN + 1x 2.5G LAN + 1x 1G LAN	EU PSU	Wi-Fi 7	3.6 Gbps (BE3600)	2x2 + 3x3:2
i3570-01	1x 2.5G WAN + 1x 2.5G LAN + 1x 1G LAN	UK PSU	Wi-Fi 7	3.6 Gbps (BE3600)	2x2 + 3x3:2

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