INDOOR · WI-FI 7 TRI-BAND · CLOUD-MANAGED

Rorbit C770

Tri-band Wi-Fi 7 ceiling access point with a 10 Gigabit fibre uplink — cloud-managed from day one.



The Rorbit C770 brings tri-band Wi-Fi 7 and a 10 Gigabit SFP+ uplink to busy offices, hotels and campuses. Mount it, run one cable, and it configures itself from the Rorbit cloud.

Wi-Fi 7 Tri-band · 11 Gbps · 10G SFP+ uplink · Tri-band 2.4·5·6 · 802.3bt PoE · Mira AI built-in

11Gbps	On request	10G	2.4/5/6
AGGREGATE RATE	CLIENTS	SFP+ UPLINK	BANDS (GHZ)

HIGHLIGHTS

- **Wi-Fi 7 tri-band, 11 Gbps (BE11000)**
  2.4 + 5 + 6 GHz, MLO, 320 MHz, 4096-QAM
- **10G fibre uplink**
  1 × 10GE SFP+ + 1 × 10GE + 1 × 2.5GE ports
- **High-density venues**
  Tri-band Wi-Fi 7 capacity
- **6-stream radio**
  2×2 (2.4) + 2×2 (5) + 2×2 (6 GHz)
- **802.3bt PoE**
  High-power PoE or DC input
- **Zero-touch**
  Self-adopts to Rorbit — no per-unit setup

Tri-band Wi-Fi 7 for the rooms that fill up.

The C770 adds the clean 6 GHz band on top of 2.4 and 5 GHz, so phones, laptops and IoT stay fast side by side across offices, lobbies, classrooms and guest rooms — with a 10 Gigabit fibre uplink so the backhaul never becomes the bottleneck.

From power-up it adopts itself to the **Rorbit cloud**, applies your WLANs, streams live telemetry and caps its power to the local regulatory limit — with signed updates and automatic rollback.

PRODUCT VIEWS



Angled view
Vented Wi-Fi 7 face



Front
WAN·LAN·WiFi·SFP·SYS LEDs



Ports
SFP · 2× Ethernet · DC

MANAGED BY RORBIT

Zero-touch cloud adoption
Self-adopts over a cert-pinned link — no per-unit setup.

Mira AI assistant
Plain-language insight & alert triage over your fleet.

True multi-tenant
Many customers & sites, database-enforced isolation.

Unattended updates
Signed OTA with automatic rollback.

Regulatory-correct
Per-site country EIRP cap, automatically.

Multi-vendor controller
Adopt Cambium cnPilot beside your Rorbit APs.

APPLICATIONS

- ✓ Offices & co-working
- ✓ Hotels & hospitality
- ✓ Classrooms & campus
- ✓ Retail & F&B
- ✓ Clinics

COMPLIANCE & ENVIRONMENT

CE **FCC**

Indoor use · operating range to be confirmed.
Country-specific approvals available on request.

SECURITY & TRUST

Signed firmware only
Every image is cryptographically signed and verified before it installs.

Pinned control channel
Each AP reaches the controller over a certificate-pinned, encrypted link.

No local attack surface
No local web interface and no default password to exploit.

Tenant isolation
Database-enforced separation between every customer and site.

Regulatory-safe radio
Transmit power held to each country's legal limit on every channel.

Automatic rollback
A failed update or bad config rolls itself back — no truck roll.

TECHNICAL SPECIFICATIONS

WIRELESS — 2.4 GHZ

Standards	802.11 b/g/n/ax/be
Band	2.4 GHz
MIMO	2×2
Antennas	Internal
Max data rate	On request
Max TX power	On request

WIRELESS — 5 GHZ & 6 GHZ

Standards	a/n/ac/ax/be (5 GHz) · ax/be (6 GHz)
Bands	5 GHz + 6 GHz (per country)
MIMO	2×2 + 2×2
Aggregate (tri-band)	11 Gbps (BE11000)
Per-band data rate	On request
Max TX power	On request

HARDWARE

Summary	Qualcomm Wi-Fi 7 platform · tri-band 2×2 + 2×2 + 2×2 (6 streams), MLO, 320 MHz, 4096-QAM, MRU · up to 11 Gbps (BE11000)

INTERFACES & CONTROLS

Uplink (SFP+)	1 × 10 GbE SFP+ (fibre)
Ethernet	2 × 2.5 Gbps RJ45
USB	1 × USB
Reset	Factory reset: hold 6–10 s
Indicator	Multi-colour status LED
Power	PoE 802.3bt, or DC input

ENVIRONMENTAL

Operating temperature	On request
Humidity	On request

PHYSICAL

Dimensions	On request
Net weight	On request
Mounting	Ceiling / wall bracket

ON-DEVICE SOFTWARE — RORBIT OS

Operating mode	Cloud-managed access point (bridged to your LAN)
SSIDs	8 per band (16 total); hidden SSID
Security	WPA2-Personal, WPA3-Personal, WPA2/WPA3 mixed (PMF), ePSK (a personal passphrase per user or room)
Access control	Client isolation, client limit per radio, MAC allow / deny lists
Roaming & density	802.11r fast roaming; High density mode (slow legacy rates off, weak clients refused, multicast sent as unicast)
Radio	Per-country regulatory power cap on every channel; DFS
Management	Signed over-the-air updates with automatic rollback; LLDP neighbour discovery; locate (blink from the dashboard)
Hardening	No local web interface and no default password; controller certificate pinned; signed firmware only

STATUS INDICATORS

Colour	Meaning
Red, slow blink	Booting
Red, fast blink	No internet
Blue blink	Connecting to the Rorbit cloud
Blue, solid	Online
Purple, fast blink	Updating (don't unplug)
White	Locate (from the dashboard)

DIMENSIONS

On request Dimensions	**On request** Net weight	**802.3bt PoE** Power	**Rorbit OS** Firmware

IN THE BOX

- ✓ Rorbit C770 access point
- ✓ Ceiling & wall mount bracket
- ✓ Mounting screws & anchors
- ✓ Quick-start guide + claim-code card

ORDERING INFORMATION

Order code	Description
ROR-C770	Rorbit C770 — Wi-Fi 7 tri-band ceiling AP, 10G SFP+ uplink + 2× 2.5G RJ45, PoE. Ships with Rorbit OS, cloud-managed.

A one-time claim code for cloud adoption is issued per unit at the controller.

One console for your whole fleet

Manage every Rorbit AP — indoor and outdoor — beside your existing Cambium fleet, from a single cloud console.

*Maximum transmit power is a hardware capability; Rorbit OS automatically limits actual radiated power to the regulatory limit of each site's country. Data rates are theoretical maximums; real-world throughput, client capacity and coverage vary with environment, mounting and client mix. Specifications subject to change without notice.

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