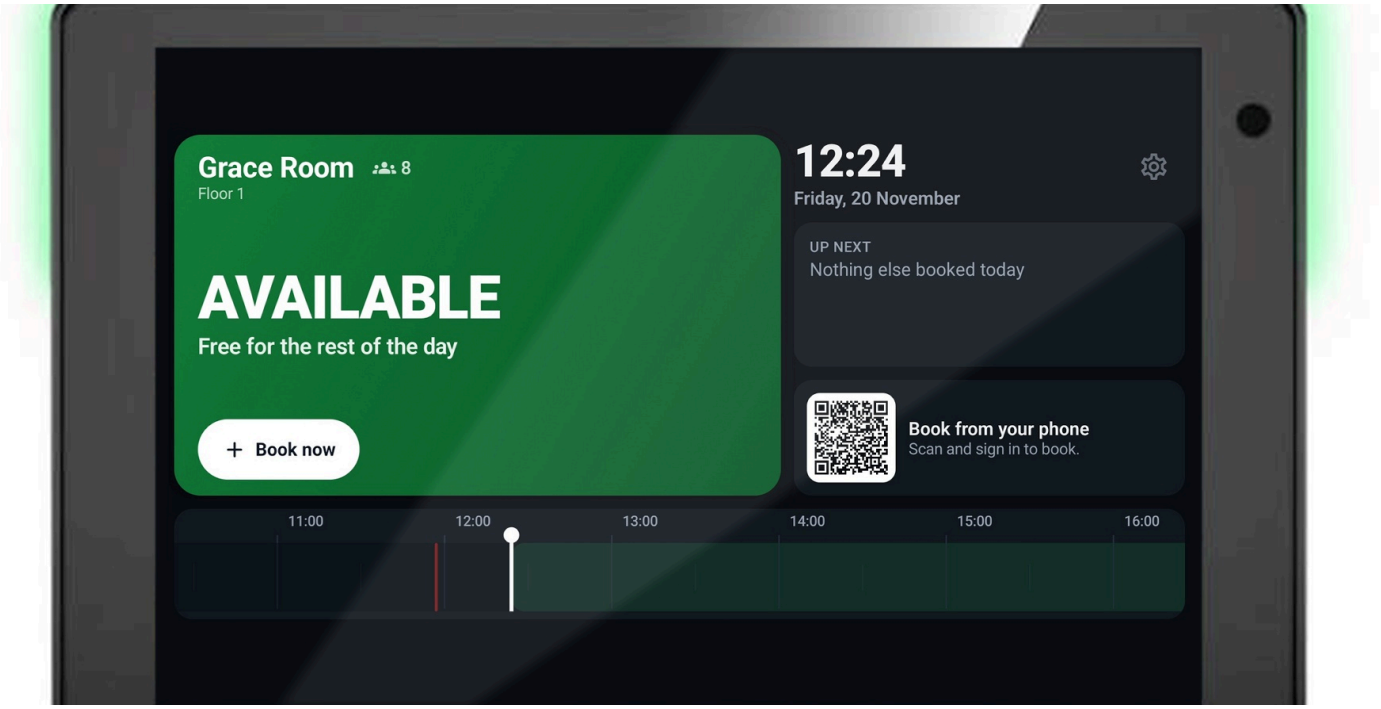
Omnyx Meeting Room Scheduler

A smart door display for every meeting room. Live Microsoft 365 availability, one-tap booking at the door or from a phone, and side LEDs that show the room's status from across the office.



Available: green screen and green side LEDs



Busy: current meeting, time left, extend or end



Starting soon: amber countdown to the next meeting

Live Microsoft 365 sync

Reads Exchange Online room calendars. Outlook and Teams bookings appear within seconds.

Book at the door

Book now in 15–60 minutes or a custom length, tap a free slot on the timeline, extend or end early.

Book from a phone

Scan the QR code and sign in with a work account. The invitation lands in your own Outlook.

Status you can see

Programmable RGB side LEDs show green, amber or red, and keep the right colour after a restart.

Secure by design

No Microsoft secrets on the device. Access is limited to room mailboxes, and every booking is audited.

Built for estates

Central room config, one-command panel install, PoE power, kiosk mode and health monitoring.

Hardware

Display	10.1" touchscreen, 1280 × 800, 350 cd/m²
Touch	10-point projected capacitive
Processor	Rockchip RK3568
Memory / storage	2 GB RAM · 16 GB eMMC
Operating system	Android 13
Power	PoE+ (IEEE 802.3at) or 12 V DC
Network	Ethernet · Wi-Fi · Bluetooth 5.0
Status LEDs	Programmable RGB, 3 sides
Other	NFC · front camera
Base hardware	Philips 10BDL5051T/00

Side LED status

- **Green** — Available
- **Amber** — Meeting starts soon
- **Red** — Meeting in progress
- **Blue (configurable)** — Calendar offline



At the door: room status visible down the corridor

Software & integration

Calendar	Exchange Online room mailboxes via Microsoft Graph
Updates	Change notifications, with 60 s refresh as fallback
At the door	Book now (15/30/45/60 min or custom), book a timeline slot, extend, end early
From a phone	QR code → work-account sign-in → instant booking + Outlook invite
Room status	Available · Starting soon (threshold adjustable) · Busy · Offline
Privacy	Show subject + organiser, organiser only, or times only
Offline mode	Last schedule with timestamp; booking paused; offline LED colour
Kiosk	Auto-start, screen lock, display schedule and dimming, crash recovery
Management	Central room config, panel enrolment, audit log, device health
Cloud	Microsoft Azure: Functions, Key Vault, Table Storage

How it connects

Room display
Status, booking, side LEDs

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Omnyx service on Microsoft Azure
Booking rules, audit log, secrets in Key Vault

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Microsoft 365
Room calendars, Entra ID sign-in

Phones connect through the room's QR code after Entra ID sign-in.

Security

Calendar access limited to room mailboxes. TLS everywhere. Revocable per-device credentials. Hashed admin PIN.

Deployment

PoE wall or desk mounting. One command installs and connects each panel. Rooms are added centrally.

Requirements

Microsoft 365 with Exchange Online room mailboxes. HTTPS (443) access to Azure and Microsoft sign-in.

Book a demo
Demos, pricing and rollout planning

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