OptiKiosk 50

Commercial-Grade 50”
Interactive Digital Signage Kiosk



Large-Format Impact, Built for Business

The OptiKiosk 50 is a high-performance, full HD touchscreen kiosk purpose-built for high-traffic environments that demand a larger visual footprint. With its 50” vertically oriented display, commercial-grade Android hardware, and integrated OptiSigns software, it offers a seamless solution for immersive digital signage, wayfinding, self-service applications, and more.

Engineered for performance, stability, and ease of use, the OptiKiosk 50 is ideal for deployments in retail, hospitality, corporate, education, and public spaces — anywhere that needs a modern, scalable, large-format kiosk experience.

Unlock Bigger, Smarter Experiences

Immersive Interactivity

- 10-point capacitive touch screen
- Smooth, responsive user interface with G+G glass
- Supports interactive templates, forms, and workflows

Freestanding, Fixed Design

- Tall 72.8” floor-standing form factor
- Slim, modern profile with stable base
- No wall-mount required — plug in and deploy instantly

Commercial-Grade Internals

- RK3588 CPU (Octa-core, Cortex-A76 + Cortex-A55)
- 4GB RAM, 32GB storage
- WiFi 5, Bluetooth 5.0, USB 3.0 and 2.0 ports
- 50” LED-backlit panel, Full HD resolution

The OptiKiosk 50 Advantage

- **Large-Format Touchscreen:** 50” vertical display for eye-catching engagement in any setting
- **Turnkey Deployment:** Ships preloaded with OptiSigns software — no manual setup required
- **Built for Interaction:** Supports drag-and-drop Kiosk Designer for building branded, interactive workflows
- **Enterprise-Ready Hardware:** Reliable platform, commercial-grade build, stable freestanding base
- **Centralized Management:** Remote control, scheduling, monitoring, and updates through the OptiSigns portal
- **Software Ecosystem:** Works with 160+ apps, data feeds, QR codes, forms, and more

Built for Business

SECURE

- Encrypted data transfers and device control
- Single-application Android OS environment
- CMS integrations with role-based permissions

RELIABLE

- Designed for long daily use in commercial environments
- Offline fallback and auto-recovery
- Remote monitoring and diagnostics

SCALABLE

- Manage 1 or 1000+ kiosks
- Cloud-based content scheduling and updates
- User access control for teams and clients

INTERACTIVE

- Kiosk Designer for drag-and-drop user interfaces
- Touchscreen menus, QR code triggers, and real-time data display
- Analytics support via OptiSigns Engage Plan

USE CASES



Retail & Malls

Product selectors, interactive catalogs, digital promotions



Education & Public Sector

Campus information boards, self-service portals



Offices & Buildings

Visitor check-in, wayfinding, internal directories



Hospitality & Travel

Concierge kiosks, ticketing info, local guides

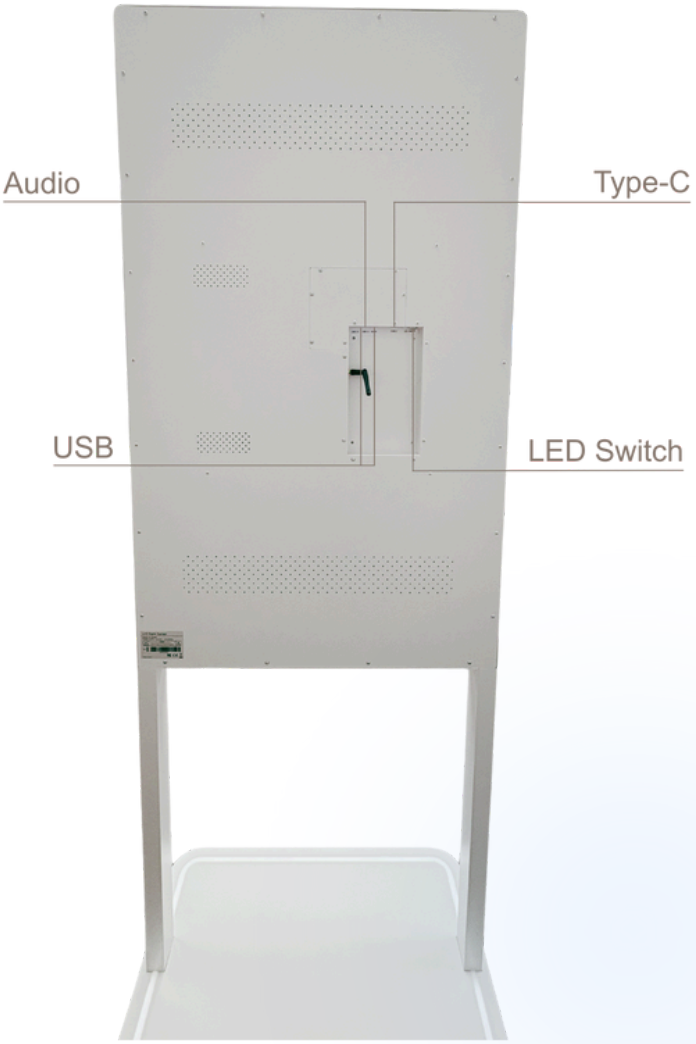
Software & Services

The OptiKiosk 50 is is preloaded with the **OptiSigns Player**, giving you access to a rich library of features:

- 160+ app integrations
- Kiosk logic and screen flow builder
- Data-driven content
- Remote updates, scheduling, and device monitoring
- Multi-user access and mobile admin

COMPATIBILITY

- **Preloaded Software:** OptiSigns Player
- **Supports All OptiSigns Features:**
  - Kiosk Designer
  - Library of 160+ integrations with popular tools and services
  - Data feeds, scheduling, templates
  - Mobile Admin App & Web Portal
- **Free Plan Included:**
  Manage up to 3 screens with branding
- **Engage Plan Required:**
  For touch interactivity, kiosk logic, advanced analytics



WHAT'S INCLUDED

- OptiKiosk 50 display unit & base
- Power adapter
- Accessories for assembly
- Quick start guide

Total Signage Control

Downtime, content delays, or manual updates cost time and money. OptiKiosk 50 solves that with a centralized, scalable platform that ensures your signage works when and where you need it — from a single screen to a national deployment.

Trusted by over 25,000 businesses, OptiSigns delivers high-impact signage without the hassle of custom development or PC hardware. The OptiKiosk 50 gives you the form factor, functionality, and future-ready flexibility to grow.

Technical Specifications

MODEL

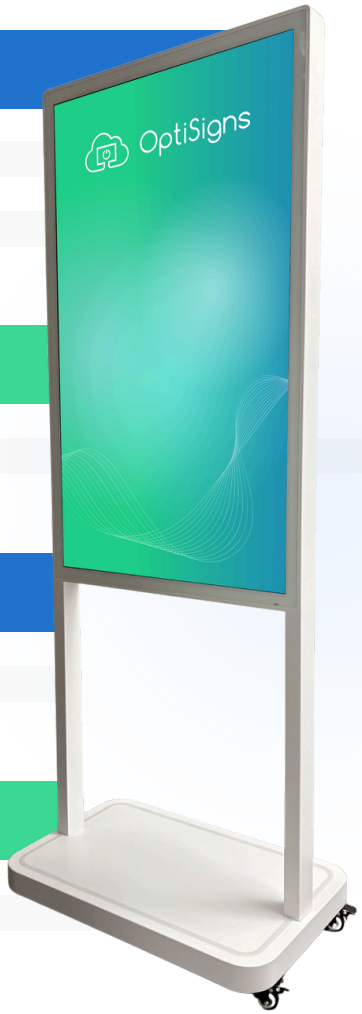
Model Name	OptiKiosk 50
Model No	OptiKiosk501
Dimensions	26.5 X 18.1 X 72.8 in
Net Weight	103.6 lbs
Gross Weight	127.8 lbs

SYSTEM

CPU	RK3588 Quad-core Cortex-A76 @ up to 2.4 GHz + Quad-core Cortex-A55 @ up to 1.8 GHz
Operating System	Android
Main Chip	RK3588
Memory	4GB
Storage	32GB
Wifi	2.4G+5G ,Wifi5
Bluetooth	5.0

DISPLAY

Panel Size	49 in
Backlight	LED
Aspect Ratio	16:9
Resolution	FHD, 1920 X 1080 @ 60Hz
Response Time	8ms



TOUCH

Number of Points	10
Type	Capacitive touch screen (G+G)
Touch Interface	HID-USB

INTERFACE

USB	USB3.0
USB	USB2.0
Type C	Type-C (OTG)

ENVIRONMENT

Operating Temperature	32 °F to 104 °F
Storage Temperature	5 °F to 131 °F