



Reader Rail Kiosk

Specification Sheet



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COMPLIANT

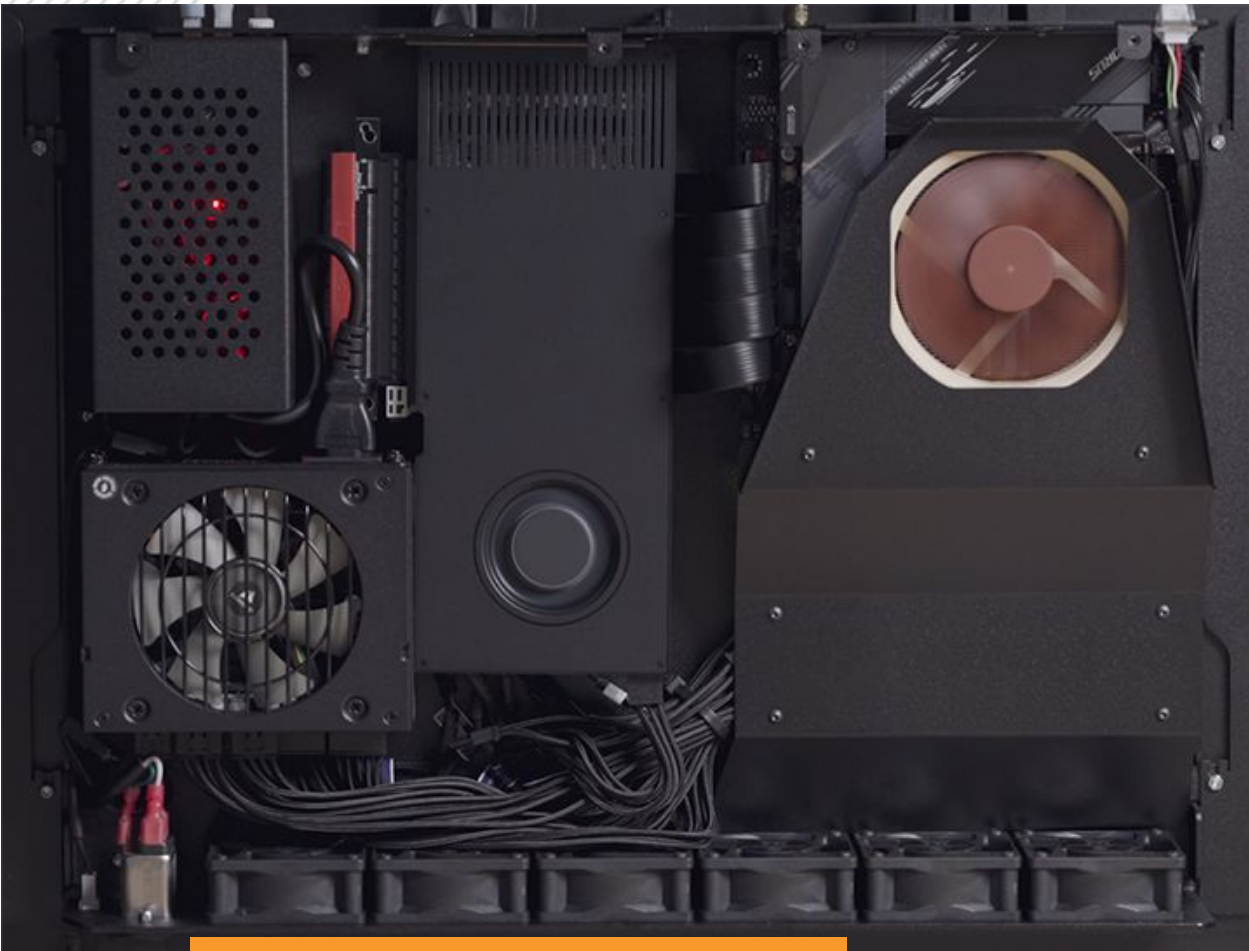
READER RAIL KIOSK SPEC SHEET v1.5 / U.S. Patent No. 10225509 / EFFECTIVE 8/5/2025
Specifications are subject to change without notice.

A popular format for museums, art galleries, observation decks, and other public spaces, Ideum's Reader Rail Kiosk provides a high-resolution digital system to engage visitors. The Reader Rail Kiosk uses an ultrawide 5K 34" LG display with 40 touch point Displax touch sensor. It's all-in-one design includes wood construction, powder coated aluminum top, vents, and kicks, and integrated PC with full-sized graphics card. The Reader Rail Kiosk has locked push-button operation and secure access to the computer system.

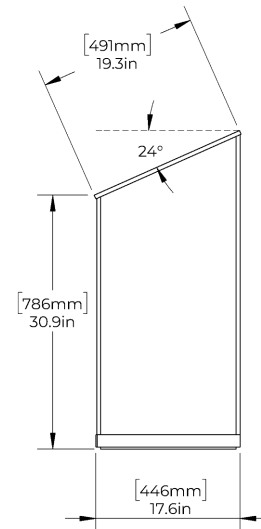
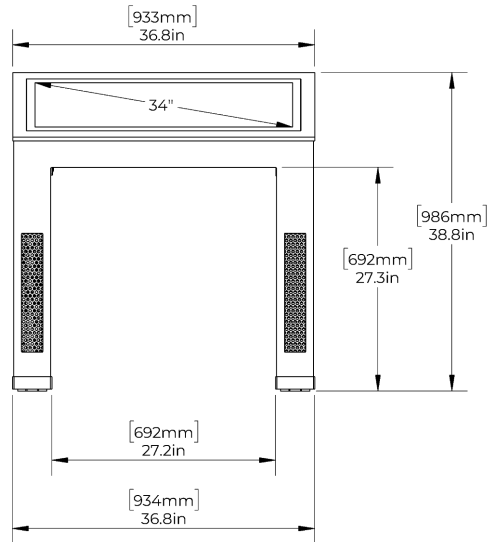


Available in a standard black or white design, the Reader Rail Kiosk can also be customized and produced in just about any color or finish to match the architectural qualities of a space. Whether standard or fully customized, the integrated Reader Rail system is covered with Ideum's three-year warranty. Please note that the Reader Rail 34" is also available as a [Presenter](#) display and as an [Inline](#), open-frame display.

The thin profile computer case inside the pedestal base allows for a full-sized graphics card, and the enclosure makes the unit incredibly quiet. The all-aluminum construction and additional fans provide additional active cooling in a modular design. (The photo below shows the internal components.)



The Reader Rail is built in the USA and ships as a complete turnkey system with lockable, push-button operation. It doesn't require a technician or any special installation setup—just plug it in and turn it on. All of Ideum's hardware is backed by a three-year warranty. We can customize the kiosk to accommodate remote computers for museum spaces or customize the system for secure environments.



WEIGHT
93LBS /
42KG*

SHIP WEIGHT
250LBS /
114KG*

WITH TRAVEL CASE
300LBS /
136KG*

**Weights may vary slightly.*

Interactive Display

- › 5K UHD (5120x2160) LG commercial display rated 24/7
- › 34" diagonal, strengthened 4mm glass surface
- › Display projected capacitive touch sensor (white or black bezel)
- › ±5 ms touch response time
- › 40 touch points with palm rejection
- › Native contrast ratio 1200:1
- › 600 nits luminance

Integrated System

- › Single push-button power
- › Custom lockable enclosure
- › Windows 11 Professional
- › Universal 110-240V power system
- › Two 3W integrated speakers

STANDARD

- › Intel 15th Gen Core Ultra 5 245K processor
- › NVIDIA RTX A2000 16GB Ada Generation graphics card
- › 16GB DDR5 RAM
- › 500GB M.2 NVMe SSD

PERFORMANCE

- › Intel 15th Gen Core Ultra 7 265K processor
- › NVIDIA RTX 4000 20GB Ada Generation graphics card
- › 32GB DDR5 RAM
- › Dual 500GB M.2 NVMe SSD

Connectivity

- › TPM/TPP compatible for secure environments
- › WiFi 802.11 a/b/g/n/ac, Ethernet, Bluetooth 5.0
- › Wireless keyboard with integrated trackpad
- › Direct access via USB ports
- › Audio output via 1/8" audio jack
- › HDMI output (PC)
- › RFID (optional)
- › Communication hardware can be removed upon request for secure environments

Customizations



Custom Color and Finish

Available in hundreds of RAL color and finish options. (1–2 weeks additional lead time.)



ATA Flight Case

Reusable travel case with locking casters and locking latch clasps.

Software



The Reader Rail Kiosk comes with Windows 11 Pro and supports PC applications. Applications that are optimized for touch interaction work best

Ideum offers custom software development. We have experience developing interactive applications, mostly for public spaces. Our expertise in a broad range of programming environments allows our work to span the realms of informal and formal education, interactive technology, art, and entertainment. See our [Portfolio](#) to learn more.



RFID Utility

Ideum multitouch products include an optional RFID utility for enhanced functionality.

Our new and improved RFID software allows you to automate system tasks, launch and switch applications, and more with a single movement. This useful utility is free for Ideum touch table owners.

Learn more at: ideum.com/news/rfid-reader-app



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About Ideum

Ideum designs experiences for public spaces, offering exhibit design, fabrication, AV, and software development services to museums, nonprofits, and socially responsible companies. We are proudly based in Corrales, New Mexico, and collaborate with creative partners worldwide.

SALES & DESIGN INQUIRIES

We sell our multitouch tables and displays directly, both in the USA and internationally. Ask us how to turn your interactive goals into amazing reality.

Use our [online inquiry form](#)

Email: sales@ideum.com

Phone: (505) 792-1110 ext. 1

WARRANTY & SUPPORT

Our products are custom-built with only the highest quality components available and are designed to last. We back all of our hardware, including custom exhibits, with a three-year warranty. The same people who design and build our systems provide our timely support.

Submit a ticket: support.ideum.com

Email: support@ideum.com

Phone: (505) 792-1110 ext. 2

Hours: 8:00 AM – 5:00 PM Mountain Time, Monday through Friday.

The Colossus, Drafting, Pano, Platform, Pico, Pro, Reader Rail, and Inline touch tables and the Portrait and Presenter touch displays from Ideum are designed, manufactured, and made in the USA of U.S. and imported parts.



Compliant with height and reach requirements for the Americans with Disabilities Act standards for accessibility. Learn more about Ideum's commitment to accessibility at www.ideum.com/ada

IMPORTANT NOTICE TO PURCHASER: Specifications are subject to change without notice. Ideum hardware and software are warrantied from the date of receipt to the period stated in the warranty. Please note that under Ideum's warranty, Ideum has no obligation for any hardware product that is modified or damaged through misuse, accident, neglect, or subsequent integration, service, or tampering, by anyone other than Ideum or an Ideum-approved entity or individual. Ideum makes no additional warranties, express or implied, including but not limited to any fitness for a particular purpose. The User is responsible for determining whether Ideum hardware products or software are fit for the User's particular purpose. If the hardware product or software are proven not to have met Ideum's warranty, then Ideum's sole obligation and User's and Purchaser's exclusive remedy will be, at Ideum's option, to repair or replace the product or refund its purchase price. Ideum shall not be liable in any action against it in any way related to the hardware products or software for any loss or damages, whether non-specified, direct, indirect, special, incidental or consequential (including downtime, loss of profits or goodwill) regardless of the legal theory asserted. Please see our full warranty for complete details.

