ideum

DESIGNED
& BUILT
IN THE USA

TAA
COMPLIANT

PRO SPEC SHEET v3.9 / U.S. Patent No. 10225509 / EFFECTIVE 2/20/2026
Specifications are subject to change without notice.

1

The Pro is Ideum's most powerful and expandable high-performance multitouch table. It is available with 49", 55", and 65" displays. Each size includes a 4K Ultra HD LG commercial display rated 24/7, and industry-leading touch technology from TES with support for 80 touch points. It also supports tangible object recognition.

The Pro is equipped with a powerful integrated Intel™ Core processor, the latest NVIDIA™ discrete graphics card, and single push-button power, and it can be upgraded with additional storage. The Pro touch table comes standard with Windows 11 Professional and can run any supported PC applications. It is well-suited for processor and graphic intensive applications.

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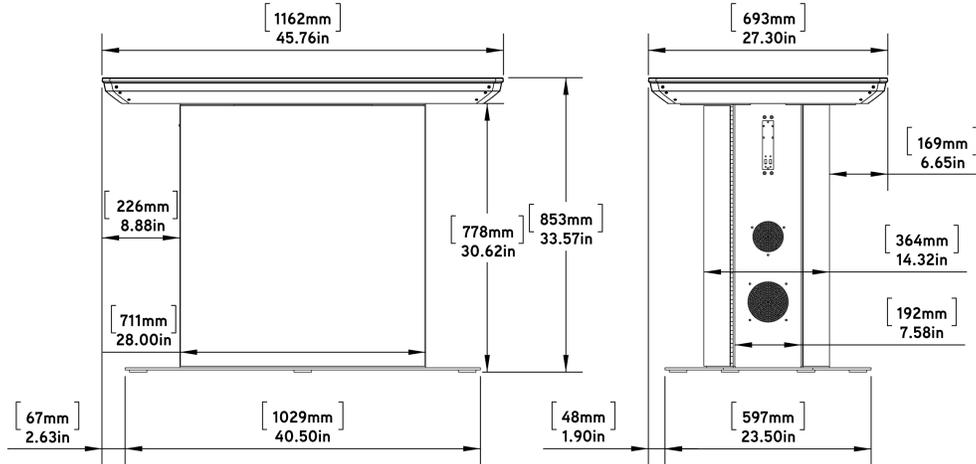
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The Pro comes with a full workstation computer inside the base. It is crafted from aircraft-grade aluminum with a durable powder coat. Ideum displays use a patented manufacturing method.

The Pro is designed and built in the USA and ships as a complete turnkey system with lockable, push-button operation—just plug it in and turn it on. All of Ideum's hardware is backed by a three-year warranty.

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WEIGHT
230 LBS
104 KG*

SHIP WEIGHT
390 LBS
117 KG*

W/ TRAVEL CASE
420 LBS
190 KG*

Weights may vary slightly.

Dimensions: 1162mm / 45.76in · 693mm / 27.30in · 226mm / 8.88in · 778mm / 30.62in · 853mm / 33.57in · 169mm / 6.65in · 364mm / 14.32in · 711mm / 28.00in · 192mm / 7.58in · 67mm / 2.63in · 1029mm / 40.50in · 48mm / 1.90in · 597mm / 23.50in

Interactive Display

› 4K UHD (3840x2160) LG commercial display rated 24/7
› 49" diagonal, strengthened, anti-stiction, 4mm glass surface

› TES /3M™ projected capacitive touch sensor
› ±5ms touch response time

› 80 touch points with palm rejection
› Native contrast ratio 1100:1
› 500 nits luminance

Integrated System

› Single push-button power
› Custom lockable enclosure
› Windows 11 Professional
› Universal 110-240V power system
› Stereo amplifier with two 90W Yamaha speakers

PERFORMANCE

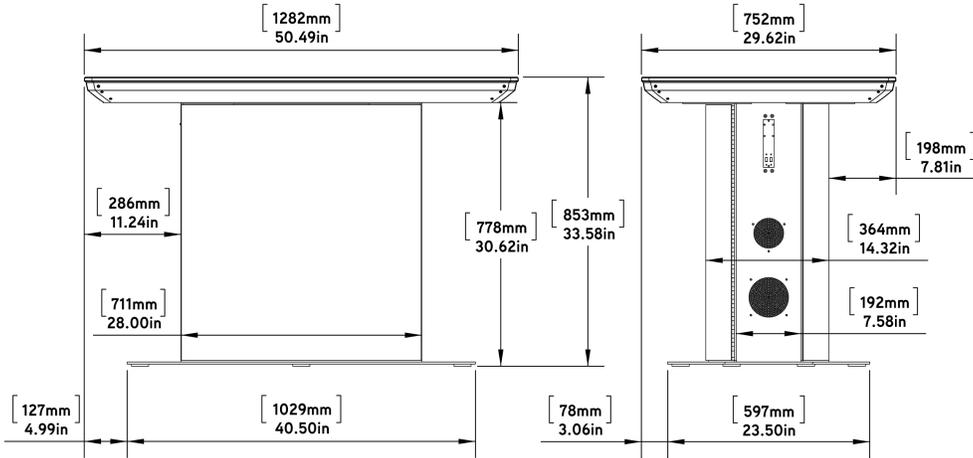› Intel 15th Gen Core Ultra 7 265K processor
› NVIDIA RTX 4000 20GB Ada Generation graphics card
› Dual 500GB M.2 NVMe SSD
› 32GB DDR5 RAM

ULTIMATE

› Intel 15th Gen Core Ultra 9 285K processor
› NVIDIA GeForce RTX 5080 16GB graphics card
› Dual 2TB M.2 NVMe SSD
› 192GB DDR5 RAM
› Full ATX motherboard with additional PCIe slots

Connectivity

› TPM/TPP compatible for secure environments
› WiFi 802.11 a/b/g/n/ac, Ethernet, Bluetooth 5.0

› Direct access via USB ports
› Wireless keyboard with integrated trackpad
› Audio output via ⅛" audio jack

› HDMI output (PC)
› RFID (optional)
› Communication hardware can be removed upon request for secure environments

WEIGHT
240 LBS
109 KG*

SHIP WEIGHT
400 LBS
181 KG*

W/ TRAVEL CASE
425 LBS
193 KG*

Interactive Display

› 4K UHD (3840x2160) LG commercial display rated 24/7
› 55" diagonal, strengthened, anti-stiction, 4mm glass surface

› TES /3M™ projected capacitive touch sensor
› ±5ms touch response time

› 80 touch points with palm rejection
› Native contrast ratio 1100:1
› 500 nits luminance

Integrated System

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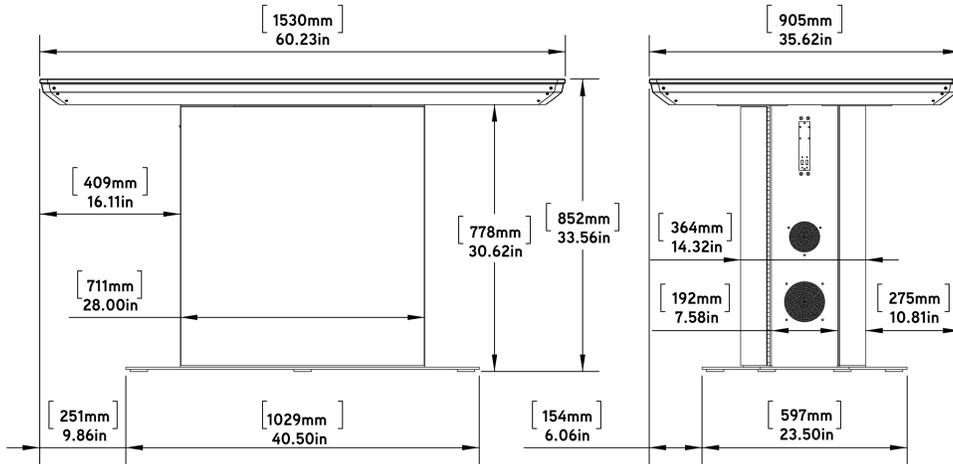› Stereo amplifier with two 90W Yamaha speakers

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1530mm / 60.23in	905mm / 35.62in
409mm / 16.11in	
778mm / 30.62in	852mm / 33.56in
711mm / 28.00in	364mm / 14.32in
251mm / 9.86in	192mm / 7.58in
1029mm / 40.50in	275mm / 10.81in
154mm / 6.06in	597mm / 23.50in

WEIGHT
286 LBS
130 KG*

SHIP WEIGHT
491 LBS
223 KG*

W/ TRAVEL CASE
517 LBS
234 KG*

*Weights may vary slightly.

Interactive Display

› 4K UHD (3840x2160) LG commercial display rated 24/7
› 65" diagonal, strengthened, anti-stiction, 4mm glass surface

› TES /3M™ projected capacitive touch sensor
› ±5ms touch response time

› 80 touch points with palm rejection
› Native contrast ratio 1100:1
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Customizations

Clip-on Casters

These sturdy casters make it easy to move the touch table, and are easily retractable to provide a stable surface when the table is in use.

Colors and Finishes

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.

Custom Computer Configurations

With space for a full sized PC, the integrated Pro computer can be customized with a variety of components (may extend lead time).

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Software

The Pro touch table comes with Windows 11 Professional and supports PC applications. Applications that are optimized for touch 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.

ALSO AVAILABLE

Tangible Authoring

Ideum multitouch tables support the Tangible Engine object recognition SDK.

Tangible Engine is an authoring environment supporting the use of fiducial object recognition on Ideum multitouch tables. This software allows for the unique recognition of objects with 3D printed conductive patterns. Tangible Engine 3 includes test objects, a Visualizer / Configurator Tool, an SDK, and documentation.

Pricing and more information can be found at: tangibleengine.com

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, 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 ww.ideum.com/ada