



# Pro 49", 55", 65", 75" (8k)

Specification Sheet





The Pro is Ideum's most powerful and expandable high-performance multitouch table. It is available with 49", 55", 65" and 75" displays. The Pro includes a 4K Ultra HD LG commercial display rated 24/7, and industry-leading touch technology from TES (formerly 3M™) with support for 80 touch points. It also supports tangible object recognition. The 75" uses an LG 8k display with a Displax touch sensor and support for 40 touch points.

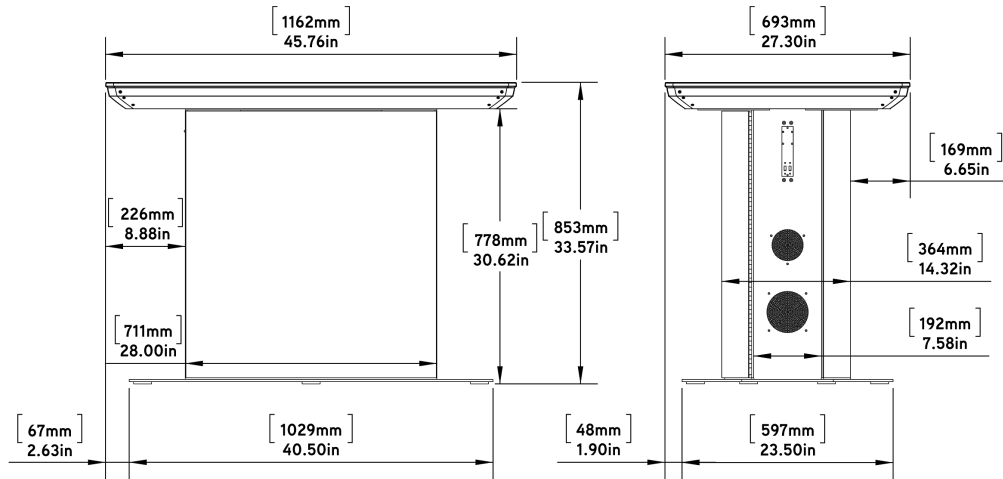


The Pro is equipped with a powerful integrated Intel™ 12th Gen Core processor, the latest NVIDIA™ discrete graphics card, single push-button power, and it can be upgraded with additional storage. The Pro touch table comes standard with Windows 11 Pro and can run any supported PC applications. It is well-suited for processor and graphic intensive applications.

The Pro comes with a full workstation computer inside the base. The Pro is crafted from aircraft-grade aluminum and covered 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.



**WEIGHT**  
**230 LBS**  
**104 KG\***

**SHIP WEIGHT**  
**390 LBS**  
**117 KG\***

**WITH TRAVEL CASE**  
**420 LBS**  
**190 KG\***

*\*Weights may vary slightly.*

### Interactive Display

- › TES (formerly 3M™) projected capacitive touch sensor
- › 4K UHD (3840x2160) LG commercial display rated 24/7
- › ±5 ms touch response time
- › 80 touch points with palm rejection
- › 49" diagonal, strengthened, anti-stiction, 4mm glass surface
- › Native contrast ratio 1100:1
- › 500 nit (cd/m2) luminance

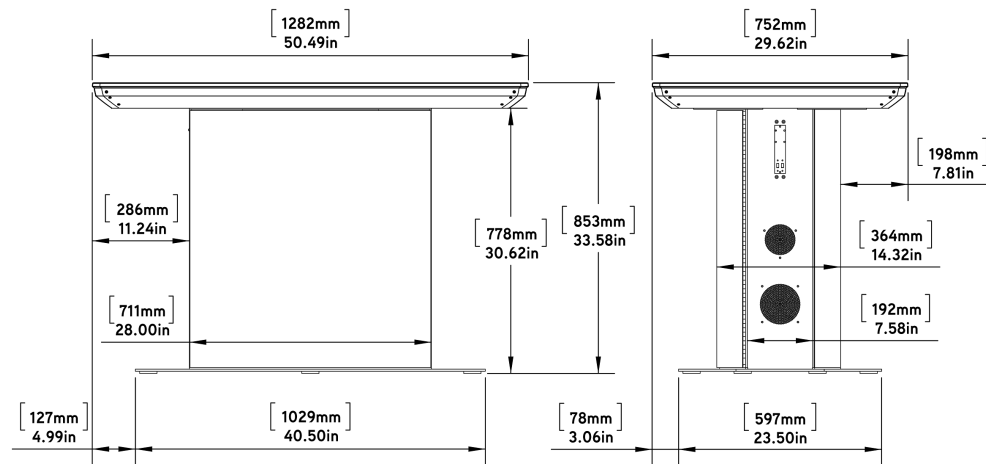
### Integrated System

- |  |   |  |
|--|---|--|
| <ul style="list-style-type: none"> <li>› Single push-button power</li> <li>› Custom lockable enclosure</li> <li>› Windows 11 Pro</li> <li>› Stereo amplifier with two 90W Yamaha speakers</li> <li>› Universal 110-240V power system</li> <li>› 4 amps or 400 W at max load, approximately 1 amp at idle.</li> </ul> | <p><b>PRO</b></p> <ul style="list-style-type: none"> <li>› Intel 12th Gen Core i7-12700K processor</li> <li>› RTX A4000 NVIDIA graphics card</li> <li>› 32GB DDR4 RAM</li> <li>› Dual 250GB NVMe M.2 SSD with upgradable storage options</li> </ul> | <p><b>PRO LAB</b></p> <ul style="list-style-type: none"> <li>› Intel Core i9-10900X processor</li> <li>› RTX A5000 NVIDIA graphics card</li> <li>› 64GB DDR4 RAM with upgradable additional RAM</li> <li>› Dual 1TB NVMe M.2 SSD with upgradable storage options</li> <li>› Full ATX Motherboard with additional PCIe slots for customization options</li> </ul> |
|--|---|--|

### Connectivity

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





**WEIGHT**  
**240 LBS**  
**109 KG\***

**SHIP WEIGHT**  
**400 LBS**  
**181 KG\***

**WITH TRAVEL CASE**  
**425 LBS**  
**193 KG\***

*\*Weights may vary slightly.*

## Interactive Display

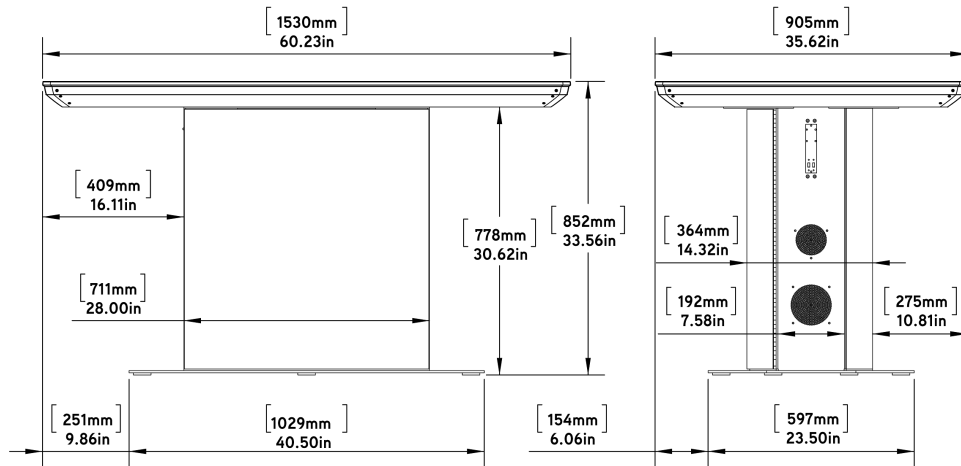
- › TES (formerly 3M™) projected capacitive touch sensor
- › 4K UHD (3840x2160) LG commercial display rated 24/7
- › ±5 ms touch response time
- › 80 touch points with palm rejection
- › 55" diagonal, strengthened, anti-stiction, 4mm glass surface
- › Native contrast ratio 1100:1
- › 500 nit (cd/m2) luminance

## Integrated System

- |  |   |  |
|--|---|--|
| <ul style="list-style-type: none"> <li>› Single push-button power</li> <li>› Custom lockable enclosure</li> <li>› Windows 11 Pro</li> <li>› Stereo amplifier with two 90W Yamaha speakers</li> <li>› Universal 110-240V power system</li> <li>› 4 amps or 400 W at max load, approximately 1 amp at idle.</li> </ul> | <p><b>PRO</b></p> <ul style="list-style-type: none"> <li>› Intel 12th Gen Core i7-12700K processor</li> <li>› RTX A4000 NVIDIA graphics card</li> <li>› 32GB DDR4 RAM</li> <li>› Dual 250GB NVMe M.2 SSD with upgradable storage options</li> </ul> | <p><b>PRO LAB</b></p> <ul style="list-style-type: none"> <li>› Intel Core i9-10900X processor</li> <li>› RTX A5000 NVIDIA graphics card</li> <li>› 64GB DDR4 RAM with upgradable additional RAM</li> <li>› Dual 1TB NVMe M.2 SSD with upgradable storage options</li> <li>› Full ATX Motherboard with additional PCIe slots for customization options</li> </ul> |
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**WEIGHT**  
**286 LBS**  
**130 KG\***

**SHIP WEIGHT**  
**491 LBS**  
**223 KG\***

**WITH TRAVEL CASE**  
**517 LBS**  
**234 KG\***

*\*Weights may vary slightly.*

## Interactive Display

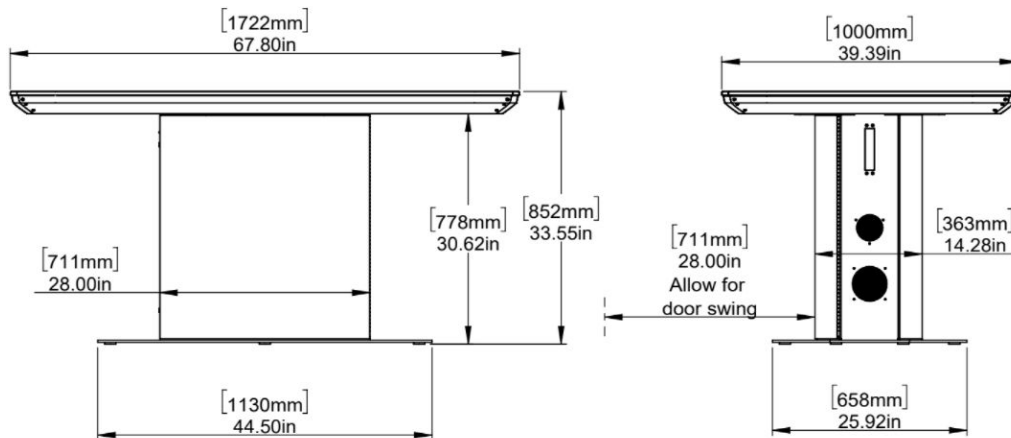
- › TES (formerly 3M™) projected capacitive touch sensor
- › 4K UHD (3840x2160) LG commercial display rated 24/7
- › ±5 ms touch response time
- › 80 touch points with palm rejection
- › 65" diagonal, strengthened, anti-stiction, 4mm glass surface
- › Native contrast ratio 1100:1
- › 500 nit (cd/m2) luminance

## Integrated System

- |  |   |  |
|--|---|--|
| <ul style="list-style-type: none"> <li>› Single push-button power</li> <li>› Custom lockable enclosure</li> <li>› Windows 11 Pro</li> <li>› Stereo amplifier with two 90W Yamaha speakers</li> <li>› Universal 110-240V power system</li> <li>› 4 amps or 400 W at max load, approximately 1 amp at idle.</li> </ul> | <p><b>PRO</b></p> <ul style="list-style-type: none"> <li>› Intel 12th Gen Core i7-12700K processor</li> <li>› RTX A4000 NVIDIA graphics card</li> <li>› 32GB DDR4 RAM</li> <li>› Dual 250GB NVMe M.2 SSD with upgradable storage options</li> </ul> | <p><b>PRO LAB</b></p> <ul style="list-style-type: none"> <li>› Intel Core i9-10900X processor</li> <li>› RTX A5000 NVIDIA graphics card</li> <li>› 64GB DDR4 RAM with upgradable additional RAM</li> <li>› Dual 1TB NVMe M.2 SSD with upgradable storage options</li> <li>› Full ATX Motherboard with additional PCIe slots for customization options</li> </ul> |
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## Connectivity

- › TPM/TPP compatible for secure environments
- › WiFi 802.11 a/b/g/n/ac, Ethernet, Bluetooth 5.0
- › Direct access via USB ports
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**WEIGHT**  
**306 LBS**  
**139 KG\***

**SHIP WEIGHT**  
**531 LBS**  
**241 KG\***

**WITH TRAVEL CASE**  
**567 LBS**  
**257 KG\***

*\*Weights may vary slightly.*

### Interactive Display

- › Display projected capacitive touch screen
- › 8K UHD (7680 x 4320) LG display
- › ±5 ms touch response time
- › 40 touch points with palm rejection
- › 75" diagonal, strengthened, anti-stiction, 4mm glass surface
- › Native contrast ratio 1100:1
- › 500 nit (cd/m<sup>2</sup>) luminance

### Integrated System

- |  |  |   |
|--|--|---|
| <ul style="list-style-type: none"> <li>› Single push-button power</li> <li>› Custom lockable enclosure</li> <li>› Windows 11 Pro</li> <li>› Stereo amplifier with two 90W Yamaha speakers</li> <li>› Universal 110-240V power system</li> <li>› 4 amps or 400 W at max load, approximately 1 amp at idle.</li> </ul> | <p><b>PRO LAB</b></p> <ul style="list-style-type: none"> <li>› Intel Core i9-10900X processor</li> <li>› RTX A5000 NVIDIA graphics card</li> <li>› 64GB DDR4 RAM with upgradable additional RAM</li> <li>› Dual 1TB NVMe M.2 SSD with upgradable storage options</li> <li>› Full ATX Motherboard with additional PCIe slots for customization options</li> </ul> | <p><b>ULTIMATE</b></p> <ul style="list-style-type: none"> <li>› X Series Core i9-10980 XE processor</li> <li>› RTX A6000 24GB NVIDIA graphics card</li> <li>› Dual 2TB NVMe M.2 SSD</li> <li>› 256GB DDR4 RAM</li> <li>› Optional liquid cooled system</li> </ul> |
|--|--|---|

### Connectivity

- › TPM/TPP compatible for secure environments
- › WiFi 802.11 a/b/g/n/ac, Ethernet, Bluetooth 5.0
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- › Wireless keyboard with integrated trackpad
- › RFID (optional)
- › Communication hardware can be removed upon request for secure environments

## Customizations



### Clip-on Casters

These sturdy casters make it easy to move the touch table, but they 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.



### Ultimate Computer Upgrade

- › X Series Core i9-10980XE 3GHz 18-Core processor
- › RTX A6000 NVIDIA graphics card
- › Dual 2TB NVMe M.2 SSD
- › 256GB DDR4 RAM
- › Optional liquid cooled system



## Software



The Pro touch table comes with Windows 11 Pro 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 2 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 2 includes test objects, a Visualizer / Configurator Tool, an SDK, and documentation.

Pricing and more information can be found at: [tangibleengine.com](https://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](https://ideum.com/news/rfid-reader-app)

## About IDEUM

Ideum is a creative company based in Corrales, New Mexico, USA. We offer exhibit design, AV, and software development services to museums, nonprofits, and socially responsible companies. Please contact us at (505) 792-1110 ext.1 or toll-free in the US and Canada at (855) 898-6824, use our online [inquiry form](#), or email us at [sales@ideum.com](mailto:sales@ideum.com). We sell our multitouch tables and displays directly both in the United States and internationally.

### 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 with a three-year warranty. The same people who design and build our systems provide our timely support.

Ticketing: [support.ideum.com](https://support.ideum.com)

Email: [support@ideum.com](mailto:support@ideum.com)

Phone: (505) 792-1110 ext. 2

Support Hours: 8:00 AM – 5:00 PM MST, Monday through Friday.

The Colossus, Pano, Pro, Platform, Drafting, Pico, and Inline touch tables and the Portrait and Presenter touch walls 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](https://www.ideum.com/ada)

**IMPORTANT NOTICE TO PURCHASER:** Specifications are subject to change without notice. Ideum hardware and software are warranted 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.