

Large-format, open-frame touch displays for integration into custom touch tables, exhibits, cabinetry, and walls.



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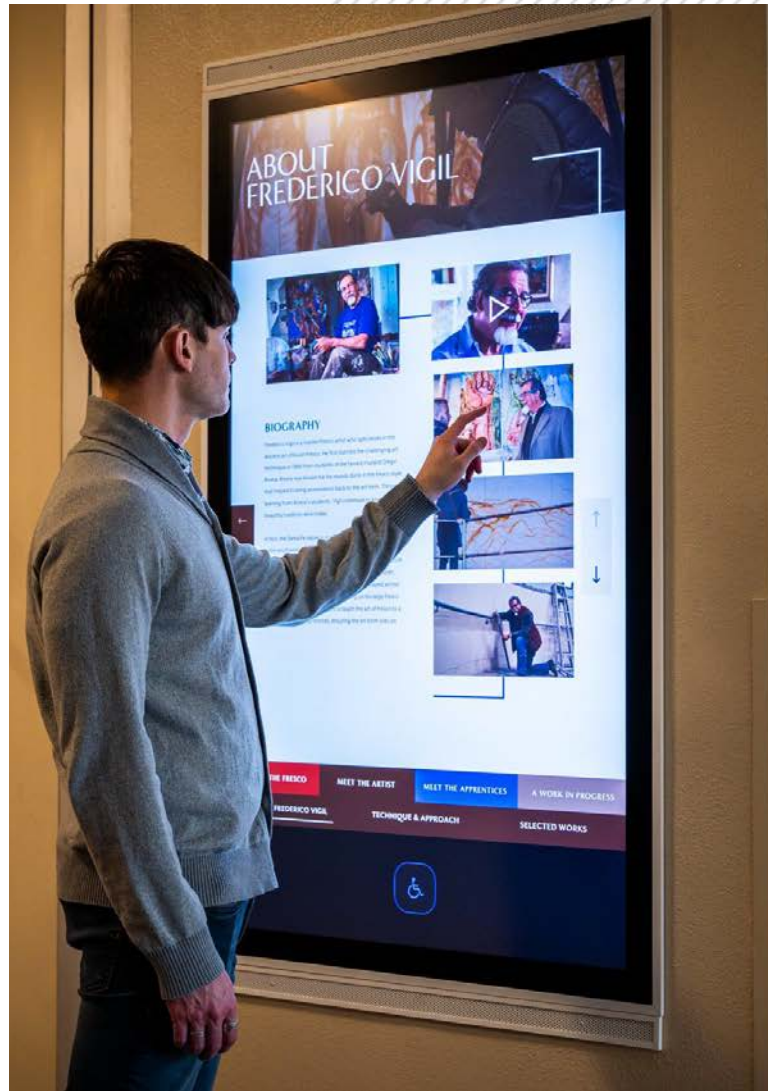
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All Ideum displays can be hung either vertically or horizontally.





# Inline All Models & Sizes

## Specification Sheet

The Inline is an open-frame, large-format, multitouch display designed to fit flush into a wide variety of custom surfaces and enclosures. The Inline's aluminum frame with multiple connection points allows the Inline to be easily and seamlessly integrated into custom touch tables, interactive exhibits, conference tables, interactive bars, and other applications. Contact us for a complete integration guide. Inline systems can use your own PC, or you can purchase an optional PC with Windows 11 Professional.



The Inline standard displays use 4K UHD LG commercial displays and 3M / TES touch technology with support for 80 touch points. Other models in the Inline series use 5K and 8K displays and top touch technology from providers in Europe such as Displax. All of the Inline displays are designed and manufactured in the USA and have all-aluminum framing and use the latest touch technology.



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# Inline All Models & Sizes

## Specification Sheet

Inline displays can be equipped with an integrated computer which includes an Intel™ Core processor, the latest NVIDIA™ discrete graphics card, and single push-button power. The Inline computer systems come standard with Windows 11 Professional and can run any supported PC applications. With the integrated computer option, it ships as a complete system with lockable, push-button operation.



The Inline is designed for integration into custom touch tables, exhibits, cabinetry, and walls. Please refer to the integration guide (available separately) for details. All of Ideum's hardware is backed by a three-year warranty.

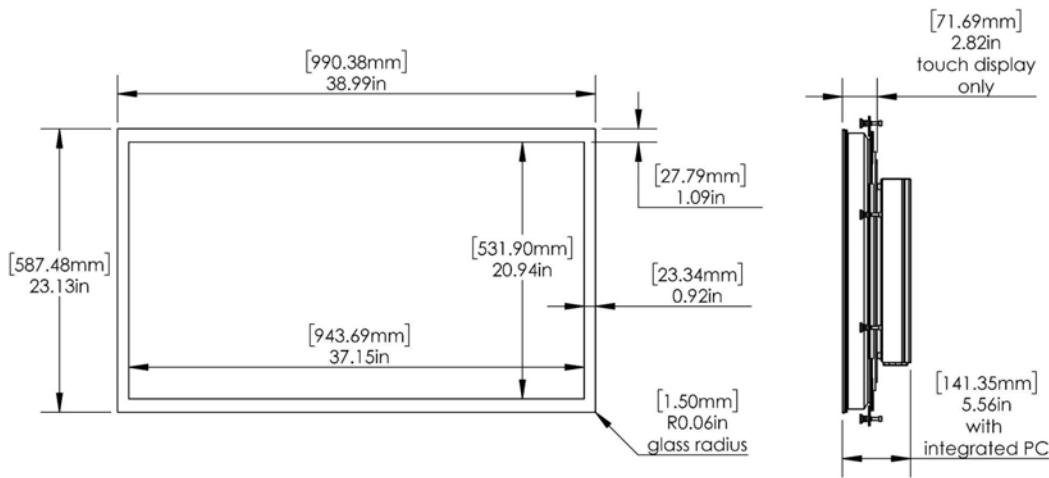
### Need a standard display?

All of the Inline models listed in this specification sheet are also available as stand-alone **Presenter displays**. These hardened displays can be used in a variety of settings and are designed to be hung horizontally or vertically.



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**WEIGHT**  
**64LBS**  
**29 KG**

**SHIP WEIGHT**  
**169 LBS**  
**77 KG**

### Interactive Display

- › 4K UHD (3840x2160) LG commercial display rated 24/7
- › 43" 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

### Optional Integrated System

- › Single push-button power
- › Custom lockable enclosure
- › Windows 11 Professional
- › Universal 110-240V power system
- › Two 10W 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

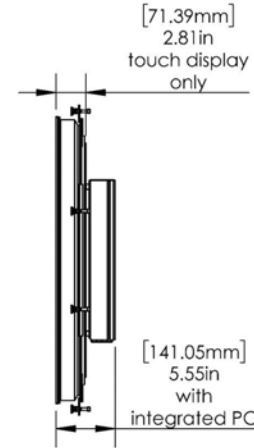
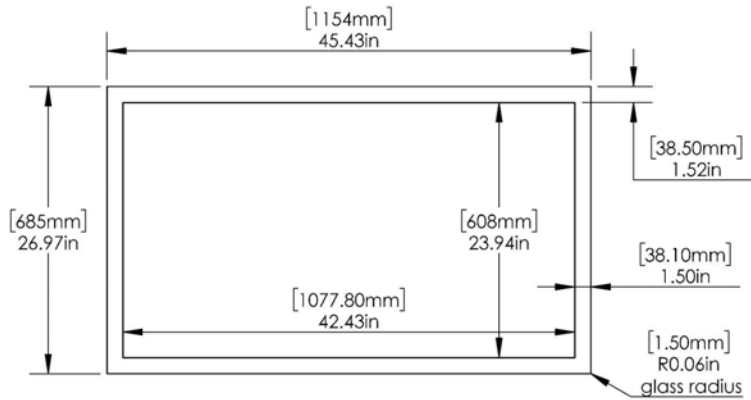
#### PERFORMANCE

- › 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





**WEIGHT**  
**88 LBS**  
**40 KG**

**SHIP WEIGHT**  
**200 LBS**  
**91 KG**

### 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

### Optional Integrated System

- › Single push-button power
- › Custom lockable enclosure
- › Windows 11 Professional
- › Universal 110-240V power system
- › Two 10W integrated speakers

#### STANDARD

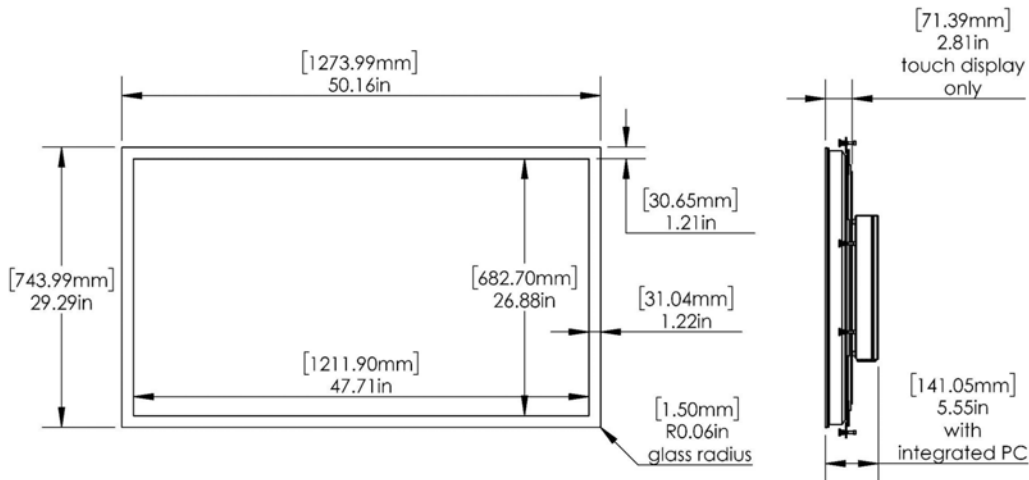
- › Intel 15th Gen Core Ultra 5 245K processor
- › NVIDIA RTX A2000 16GB Ada Generation graphics card
- › 16GB DDR5 RAM
- › 500GB M.2 NVMe SSD

#### 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



**WEIGHT**  
**97 LBS**  
**44 KG**

**SHIP WEIGHT**  
**220 LBS**  
**100 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
- › ±5 ms touch response time
- › 80 touch points with palm rejection
- › Native contrast ratio 1100:1
- › 500 nits luminance

### Optional Integrated System

- › Single push-button power
- › Custom lockable enclosure
- › Windows 11 Professional
- › Universal 110-240V power system
- › Two 10W integrated speakers

#### STANDARD

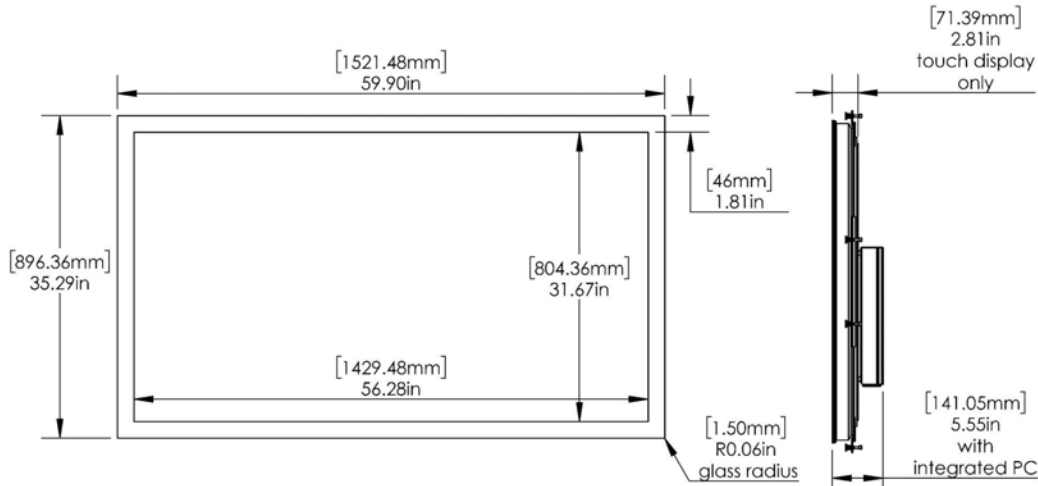
- › Intel 15th Gen Core Ultra 5 245K processor
- › NVIDIA RTX A2000 16GB Ada Generation graphics card
- › 16GB DDR5 RAM
- › 500GB M.2 NVMe SSD

#### 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



**WEIGHT**  
**147 LBS**  
**67 KG**

**SHIP WEIGHT**  
**302 LBS**  
**137 KG**

### 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
- › 500 nits luminance

### Optional Integrated System

- › Single push-button power
- › Custom lockable enclosure
- › Windows 11 Professional
- › Universal 110-240V power system
- › Two 10W 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

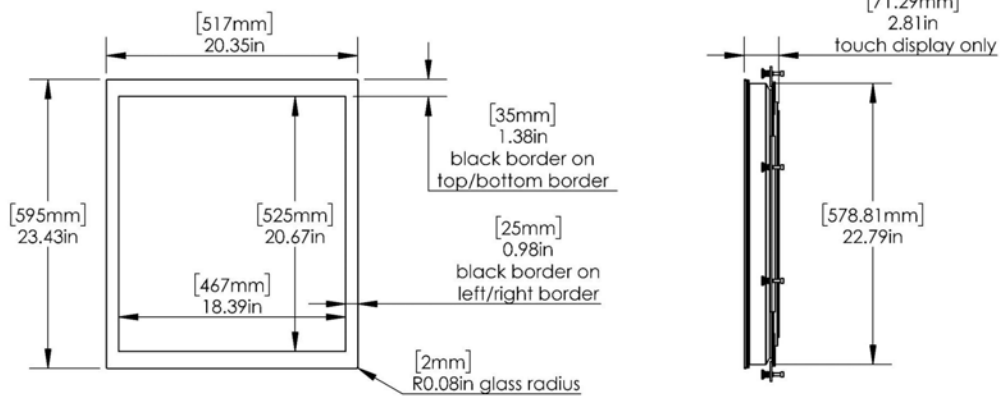
### Connectivity

- › 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



# Inline 28" Stacked/Square

## Specification Sheet



**WEIGHT**  
**29 LBS**  
**13 KG**

**SHIP WEIGHT**  
**110 LBS**  
**50 KG**

### Interactive Display

- › SDQHD (2460 x 2880) LG display, 16:18 ratio.
- › 28" diagonal, strengthened, anti-stiction, 4mm glass surface
- › Display projected capacitive touch sensor
- › ±5 ms touch response time
- › 40 touch points with palm rejection
- › Native contrast ratio 1000:1
- › 300 nit (cd/m2) luminance

### Optional External Computer System

- › Single push-button power
- › Custom lockable enclosure
- › Windows 11 Professional
- › Universal 110-240V power system
- › Two 10W 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

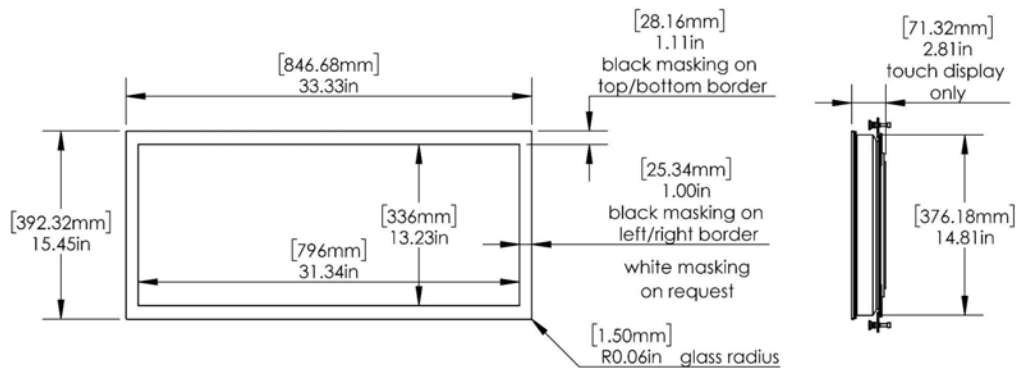


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# Inline 34" Ultrawide 5K

## Specification Sheet



**WEIGHT**  
**31 LBS**  
**14 KG**

**SHIP WEIGHT**  
**116 LBS**  
**53 KG**

### Interactive Display

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

### Optional External Computer System

- › Single push-button power
- › Custom lockable enclosure
- › Windows 11 Professional
- › Universal 110-240V power system
- › Two 10W 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

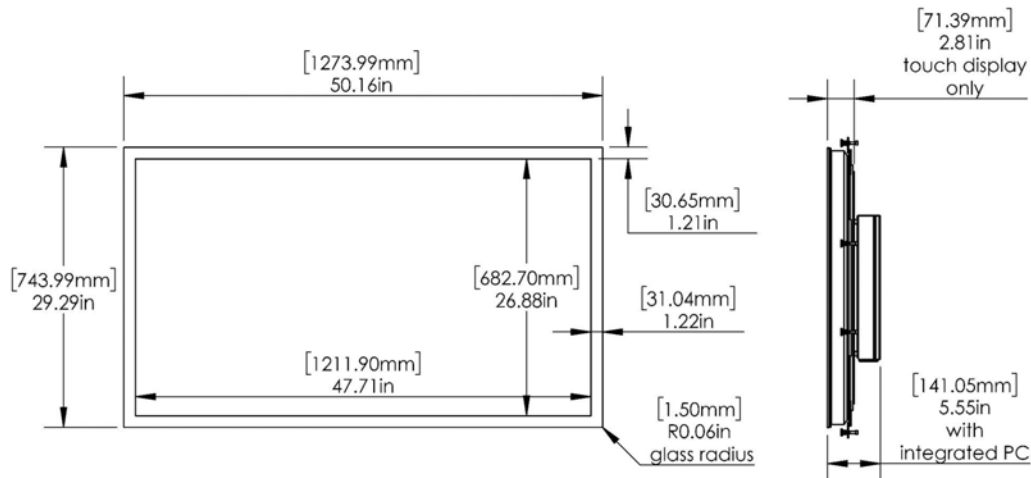


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# Inline 55" Optically Bonded

## Specification Sheet



**WEIGHT**  
**92 LBS**  
**42 KG**

**SHIP WEIGHT**  
**215 LBS**  
**98 KG**

### Interactive Display

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

### Optional Integrated System

- › Single push-button power
- › Custom lockable enclosure
- › Windows 11 Professional
- › Universal 110-240V power system
- › Two 10W 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

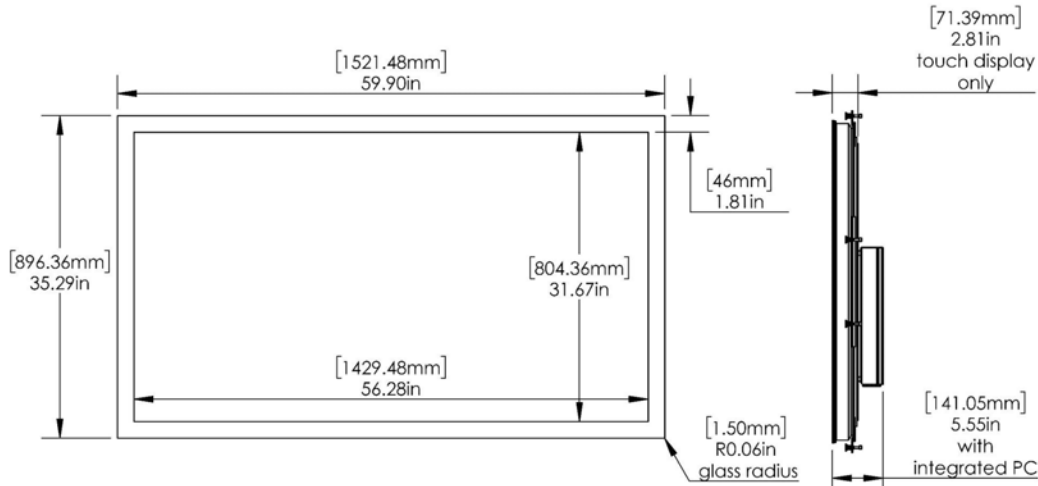
- › TPM/TPP compatible for secure environments
- › WiFi 802.11 a/b/g/n/ac, Ethernet, Bluetooth 5.0
- › Wireless keyboard with integrated trackpad
- › Direct access via USB ports
- › Audio output via 1/8" audio jack
- › HDMI output (PC)
- › RFID (optional)
- › Communication hardware can be removed upon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



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**WEIGHT**  
**147 LBS**  
**67 KG**

**SHIP WEIGHT**  
**302 LBS**  
**137 KG**

### Interactive Display

- › 8K (7,680 x 4,320)  
LG QNED MiniLED display
- › 65" diagonal, strengthened, anti-stiction, 4mm glass surface
- › TES /3M™ projected capacitive touch sensor
- › ±5ms touch response time
- › 80 touch points with palm rejection
- › 500 nits luminance

### Optional Integrated System

- › Single push-button power
- › Custom lockable enclosure
- › Windows 11 Professional
- › Universal 110-240V power system
- › Two 10W integrated speakers

#### PERFORMANCE

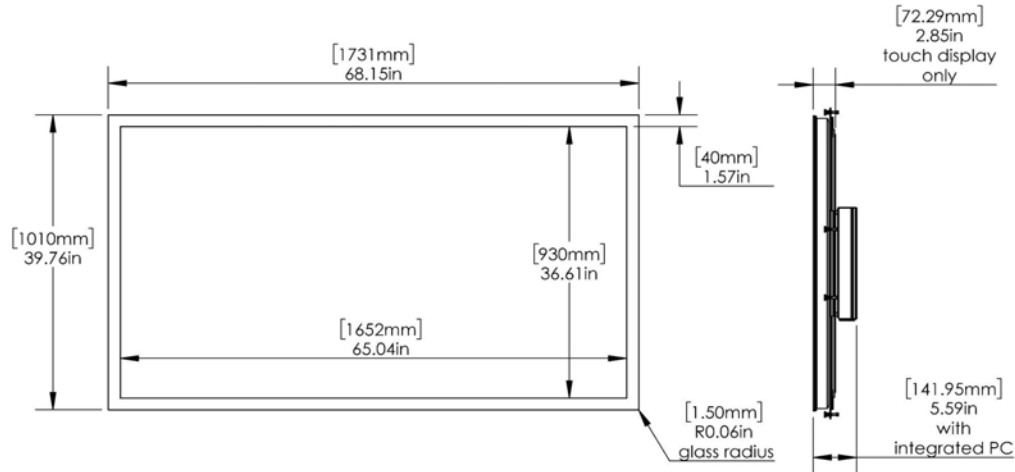
- › Intel 15th Gen Core Ultra 7 265K processor
- › NVIDIA RTX 4000 20GB Ada Generation graphics card
- › 32GB DDR5 RAM
- › Dual 500GB M.2 NVMe SSD

### 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

# Inline 75" 8K

## Specification Sheet



**WEIGHT**  
**232 LBS**  
**105 KG**

**SHIP WEIGHT**  
**440 LBS**  
**200 KG**

### Interactive Display

- › 8K (7,680 x 4,320)  
LG QNED MiniLED display
- › 75" diagonal, strengthened, anti-stiction, 5mm glass surface
- › Display projected capacitive touch sensor
- › ±5ms touch response time
- › 40 touch points with palm rejection
- › 500 nits luminance

### Optional Integrated System

- › Single push-button power
- › Custom lockable enclosure
- › Windows 11 Professional
- › Universal 110-240V power system
- › Two 10W integrated speakers

#### 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

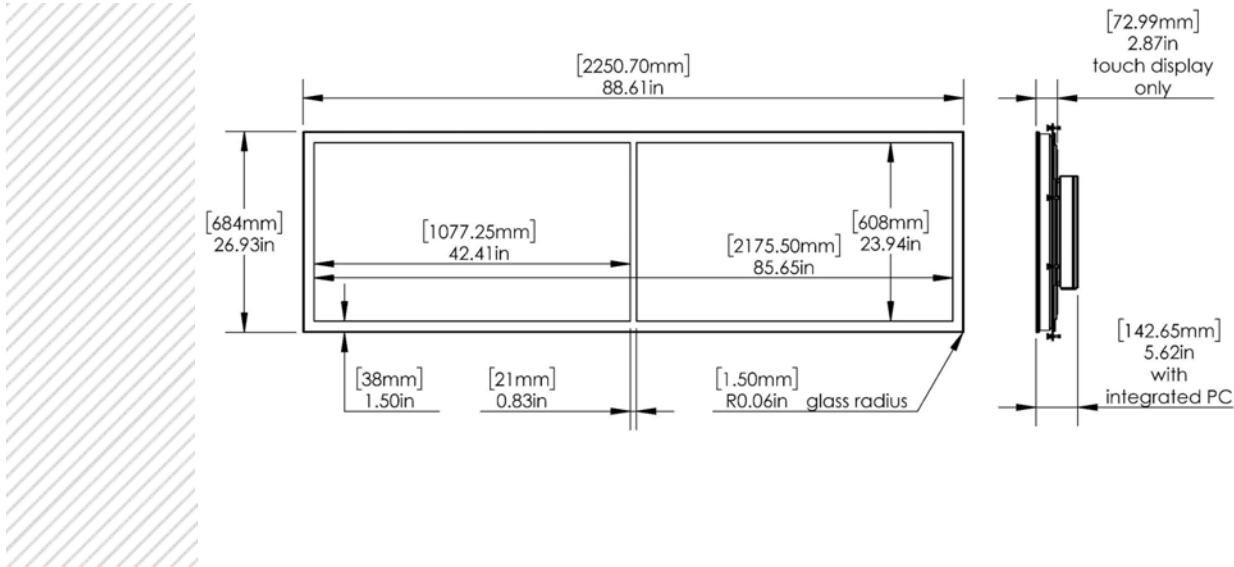


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# Inline Dual 49"

## Specification Sheet



**WEIGHT**  
**198 LBS**  
**90 KG**

**SHIP WEIGHT**  
**406 LBS**  
**184 KG**

### Interactive Display

- › (2) 49" 4K UHD (3840x2160) LG commercial display rated 24/7
- › 89" diagonal, strengthened, anti-stiction, 6mm glass surface
- › Zytronic projected capacitive touch sensor
- › ±5ms touch response time
- › 40 touch points with palm rejection
- › Native contrast ratio 1100:1
- › 500 nits luminance

### Optional Integrated System

- › Single push-button power
- › Custom lockable enclosure
- › Windows 11 Professional
- › Universal 110-240V power system
- › Two 10W integrated speakers

#### 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

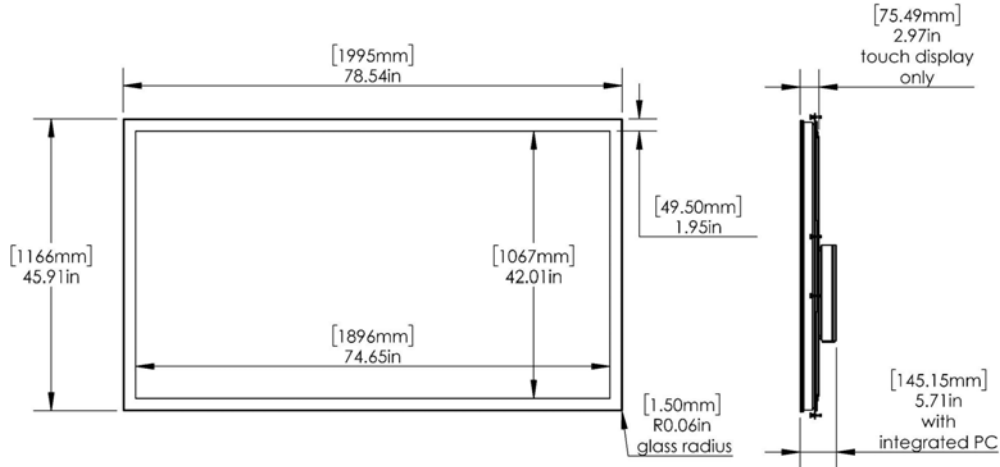


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**TAA**  
COMPLIANT





**WEIGHT**  
**212 LBS**  
**96 KG**

**SHIP**  
**WEIGHT**  
**420 LBS**  
**190 KG**

### Interactive Display

- › 4K UHD (3840x2160) LG commercial display rated 24/7
- › 86" diagonal, strengthened, anti-stiction, 6mm glass surface
- › Zytronic projected capacitive touch sensor
- › ±16 ms touch response time
- › 40 touch points with palm rejection
- › Native contrast ratio 1100:1
- › 500 nit (cd/m<sup>2</sup>) luminance

### Optional Integrated System

- › Single push-button power
- › Custom lockable enclosure
- › Windows 11 Professional
- › Universal 110-240V power system
- › Two 10W 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

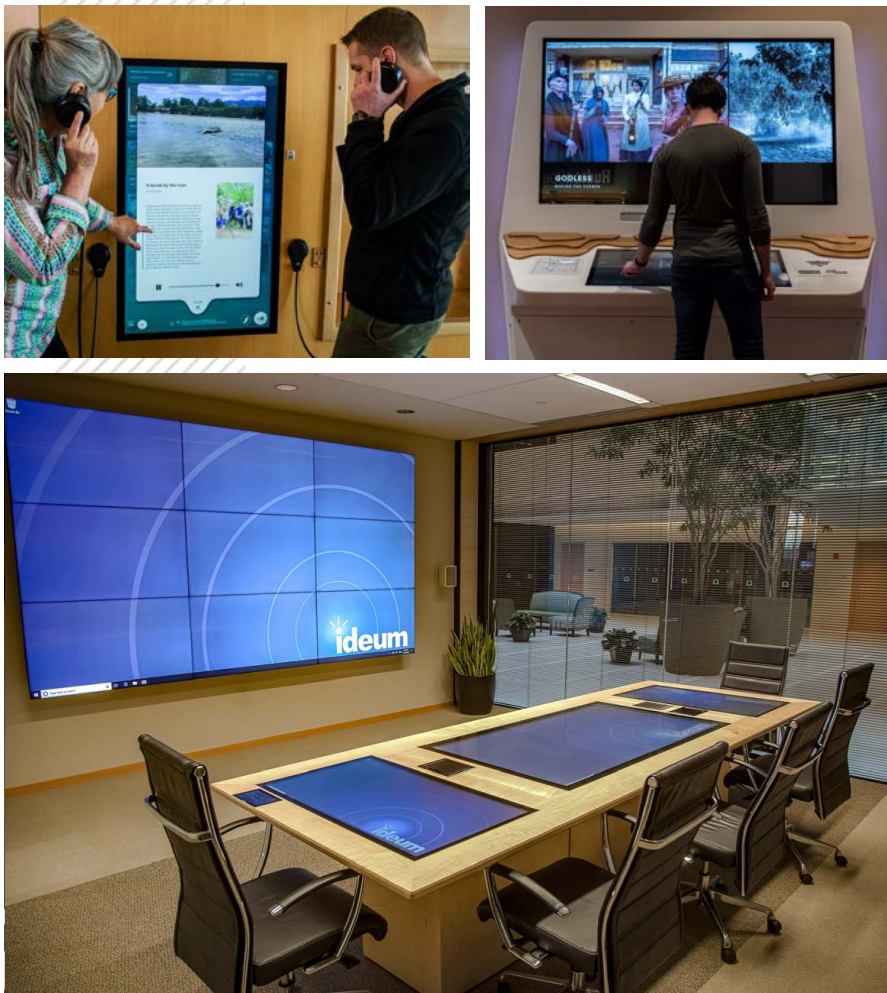
- › Intel 15th Gen Core Ultra 7 265K processor
- › NVIDIA RTX 4000 20GB Ada Generation graphics card
- › 32GB DDR5 RAM
- › Dual 500GB M.2 NVMe SSD

### 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

## Custom Fabrication

Ideum can provide custom design and fabrication services for your Inline display. Our industrial designers, craftspeople, and technicians can design custom touch tables, exhibits, meeting room tables, and other cabinetry with a range of integration options. Our Exhibit Fabrication Workshop is fully equipped for woodworking, and we design fine furniture with integrated technology and other electronics.



Ideum has created custom touch tables and kiosks for San Diego Zoo, New Mexico Film, Valle de Oro National Wildlife Refuge, Amada Corporation, Wichita State University, IDEO, Gensler, and others.

## What's Inside

Our touch tables and touch walls include the best performing, most reliable components available.

4K UHD (3840x2160)  
commercial LCD  
display\*

PCAP touch sensor  
with 80 touch points  
3M technologies\*

NVIDIA™  
graphics card

Intel® Core™ Processor

Aircraft-grade  
aluminum made in the  
USA



*\* Please note that these specifications are typical of our standard models, there are variations, please see the individual specifications for more information.*



## Software



The optional Inline integrated computer 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 created for Ideum multitouch tables to support fiduciary object recognition using 3D-printed conductive patterns. Tangible Engine 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 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. We've sold our hardware in nearly 60 countries around the world. Ideum also develops custom exhibits and software. Contact us to learn more about our services.

Use our [online inquiry form](#)

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

Email: [support@ideum.com](mailto: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](https://www.ideum.com/ada)

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