DESIGNED & BUILT IN THE USA
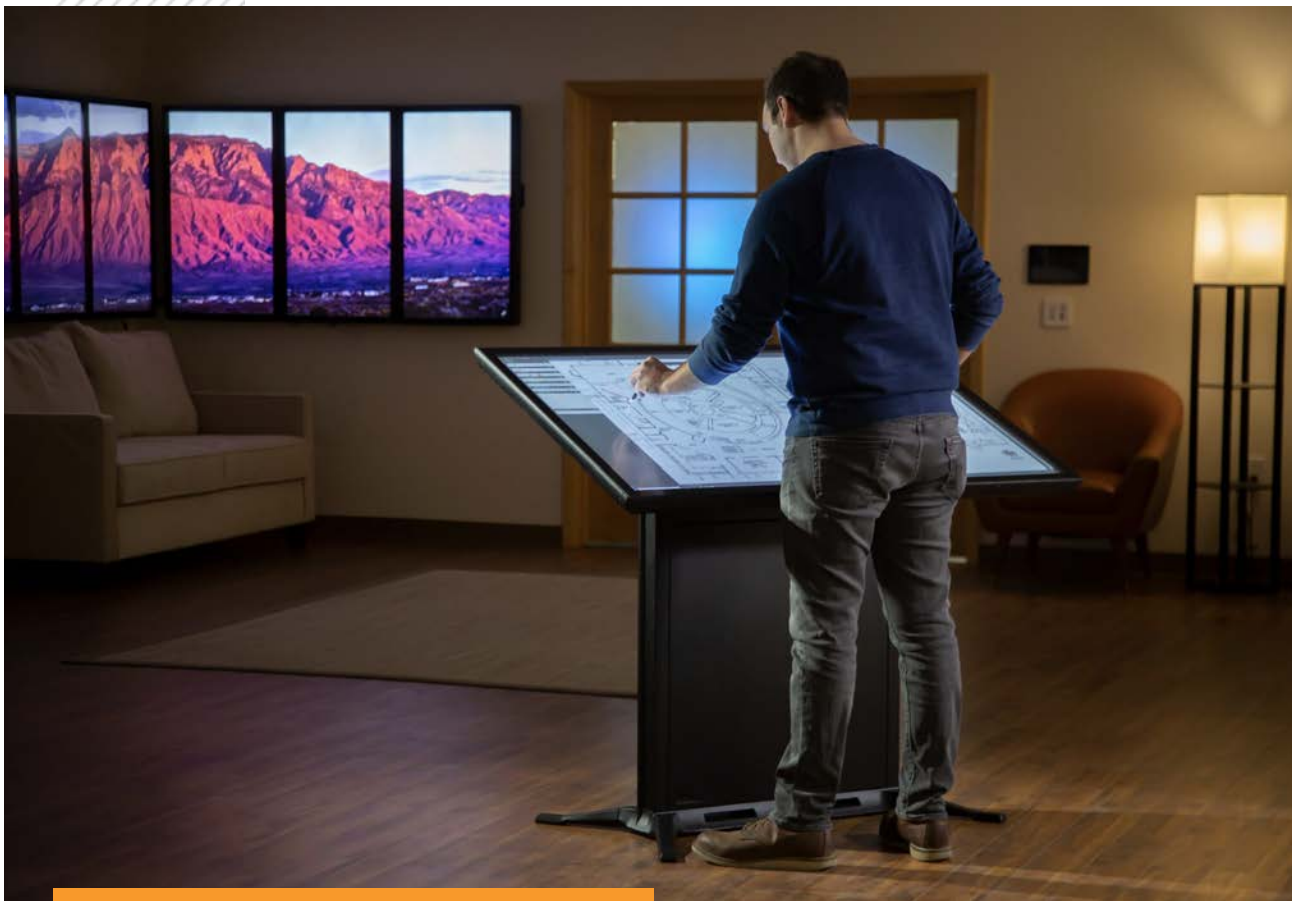
TAA COMPLIANT

DRAFTING II SPEC SHEET v3.2 / U.S. Patent No. 10225509 / EFFECTIVE 4/10/2024
Specifications are subject to change without notice.

1

The Drafting II is a complete, ruggedized multitouch table available with 43", 49", 55", or 65" displays. It features an ergonomically angled display, and industry-leading TES (formerly 3M^{TM}) touch technology with support for 80 simultaneous touch points, and an LG commercial 4K Ultra HD monitor rated for 24/7 operation. The Drafting II is equipped with a powerful integrated Intel^{TM} Core processor, the latest NVIDIA^{TM} discrete graphics card, and push-button power.
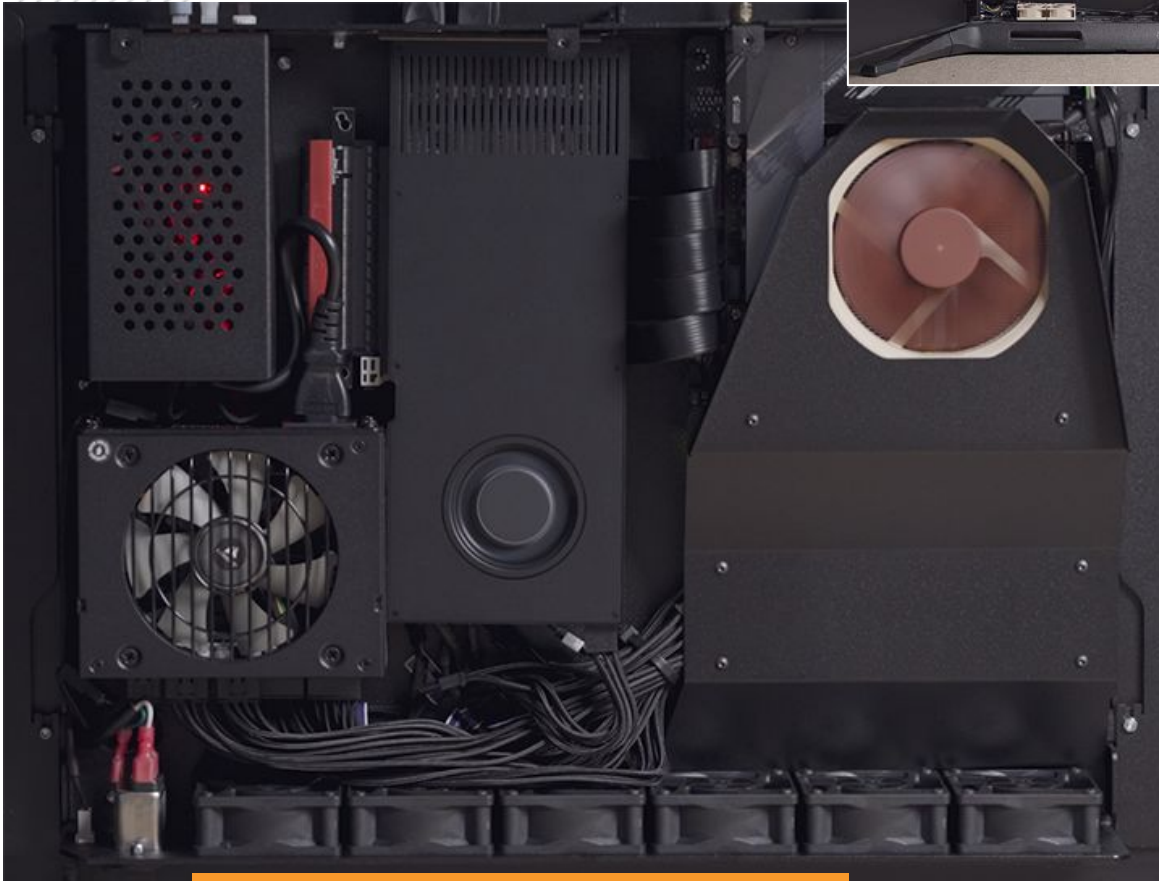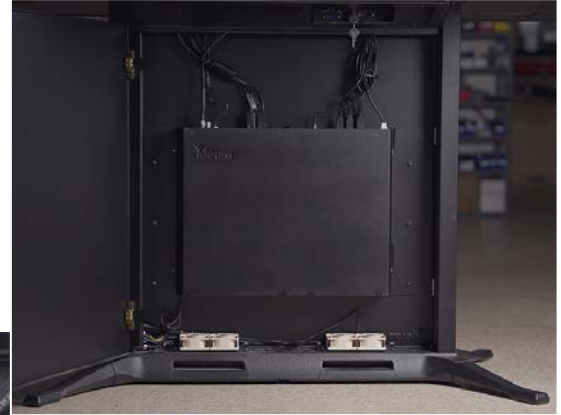

The Drafting II touch table comes standard with Windows 11 Pro and can run any supported PC applications. The Drafting II can also be purchased with an AOPEN Commercial Chromebox 2 rated for 24/7 use. This table is often used as kiosk in public settings or it used with AEC (architecture engineering & construction) applications. The Drafting II multitouch table is constructed from aircraft-grade aluminum and covered with a durable powder coat.
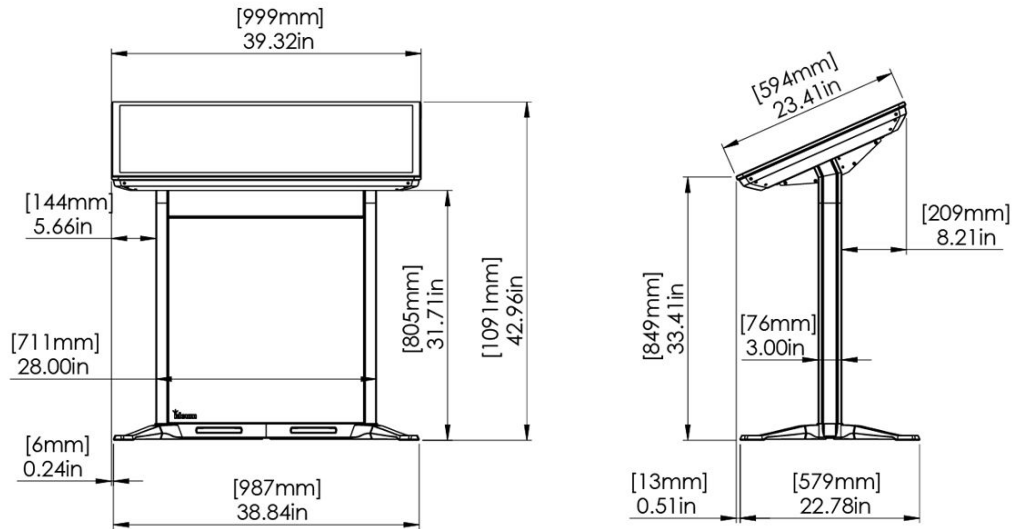
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The thin profile computer case inside the pedestal base allows for a full-sized graphics card, and the enclosure makes the unit incredibly quiet. The all-aluminum construction and additional fans provide additional active cooling in a modular design. *(The photo below shows the internal components.)*

Ideum displays use a patented manufacturing method.
The Drafting II 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.

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WEIGHT
145 LBS 66 KG*

SHIP WEIGHT
280 LBS 127 KG*

WITH TRAVEL CASE
385 LBS 175 KG*
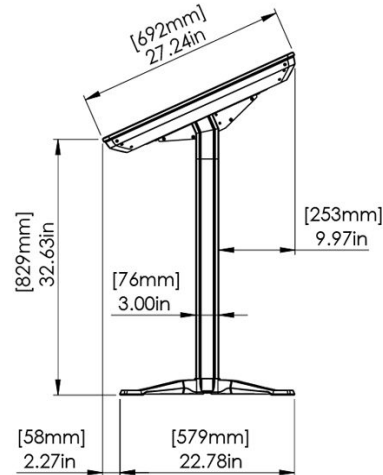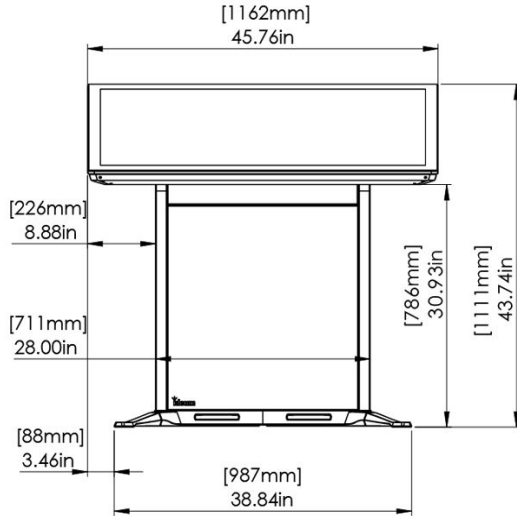
*Weights may vary slightly.

Interactive Display

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

› TES (formerly 3M™) projected capacitive touch sensor
› ±5 ms touch response time
› 80 touch points with palm rejection

› Native contrast ratio 1100:1
› 400 nit (cd/m2) luminance

Integrated System

› Single push-button power
› Custom lockable enclosure
› Windows 11 Pro
› Universal 110-240V power system
› 4 amps or 400W at max load, approximately 1 amp at idle
› Two 10W integrated speakers

STANDARD

› Intel 14th Gen Core i5-14600K processor
› NVIDIA RTX A2000 6GB graphics card
› 16GB DDR5 RAM
› 250GB M.2 NVMe SSD

PERFORMANCE

› Intel 14th Gen Core i7-14700K processor
› NVIDIA RTX 4000 16GB Ada Generation graphics card
› 32GB DDR5 RAM
› Dual 250GB 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

DESIGNED & BUILT IN THE USA

TAA COMPLIANT

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4

| WEIGHT |
| **155 LBS 71 KG*** |

| SHIP WEIGHT |
| **320 LBS 146 KG*** |

| WITH TRAVEL CASE |
| **390 LBS 177 KG*** |

*Weights may vary slightly.

Interactive Display

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

› TES (formerly 3M™) projected capacitive touch sensor
› ±5 ms touch response time
› 80 touch points with palm rejection

› Native contrast ratio 1100:1
› 500 nit (cd/m2) luminance

Integrated System

› Single push-button power
› Custom lockable enclosure
› Windows 11 Pro
› Universal 110-240V power system
› 4 amps or 400W at max load, approximately 1 amp at idle
› Two 10W integrated speakers

STANDARD

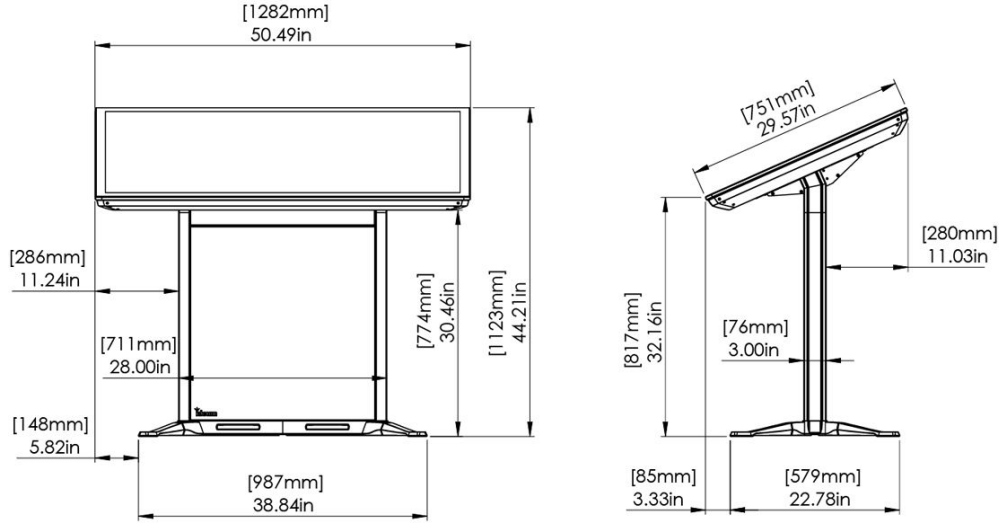› Intel 14th Gen Core i5-14600K processor
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5

WEIGHT
**170 LBS
78 KG***

SHIP WEIGHT
345 LBS 157 KG*

WITH TRAVEL CASE
410 LBS 186 KG*
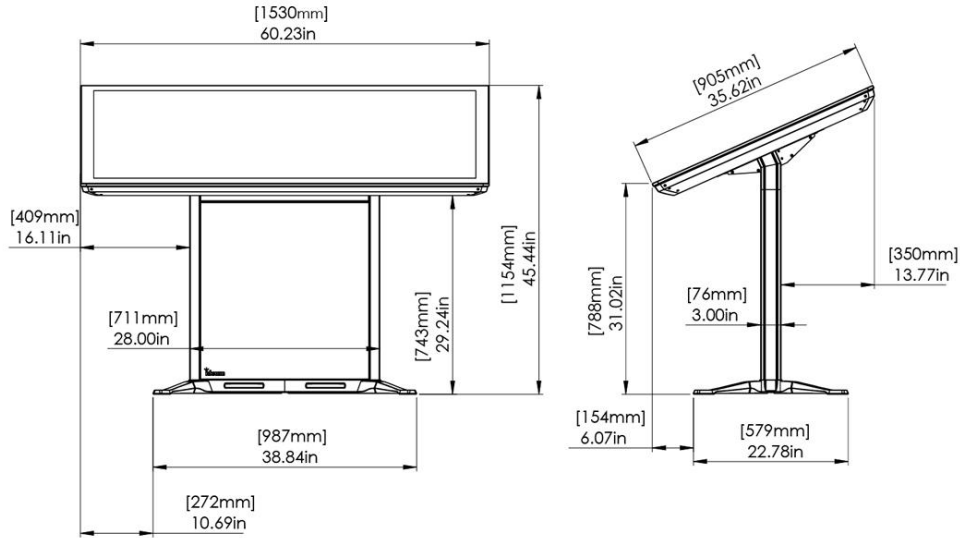
Weights may vary slightly.

Interactive Display

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

› TES (formerly 3M™) projected capacitive touch sensor
› ±5 ms touch response time
› 80 touch points with palm rejection

› Native contrast ratio 1100:1
› 500 nit (cd/m2) luminance

Integrated System

› Single push-button power
› Custom lockable enclosure
› Windows 11 Pro
› Universal 110-240V power system
› 4 amps or 400W at max load, approximately 1 amp at idle.
› Two 10W integrated speakers

STANDARD

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› NVIDIA RTX A2000 6GB graphics card
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› 250GB M.2 NVMe SSD

PERFORMANCE

› Intel 14th Gen Core i7-14700K processor
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› Dual 250GB 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
205 LBS
93 KG*

SHIP WEIGHT
385 LBS
175 KG*

WITH TRAVEL CASE
492 LBS
224 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 (formerly 3M™) projected capacitive touch sensor
› ±5 ms touch response time
› 80 touch points with palm rejection

› Native contrast ratio 1100:1
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Customizations

Adjustable Keyboard Tray

A removable keyboard and mouse tray designed for the Drafting II.

Built-In Casters

Low profile built-in casters make it easy to move the Drafting II.

Chromebox System

Replaces the PC with an AOPEN Chromebox Commercial 2 rated 24/7.

Colors and Finishes

Available in hundreds of RAL color and finish options.

ATA Flight Case

Reusable travel case with locking casters and locking latch clasps.

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What's Inside

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

4K UHD (3840x2160) commercial LCD display

PCAP touch sensor with 80 touch points TES (3M) technology

NVIDIA™ graphics card

14th Gen Intel© Core™ Processor

Aircraft-grade aluminum made in the USA

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Software

The Drafting II 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

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

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