Drafting II 43", 49", 55", 65"
Specifications Sheet

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} 12th Gen 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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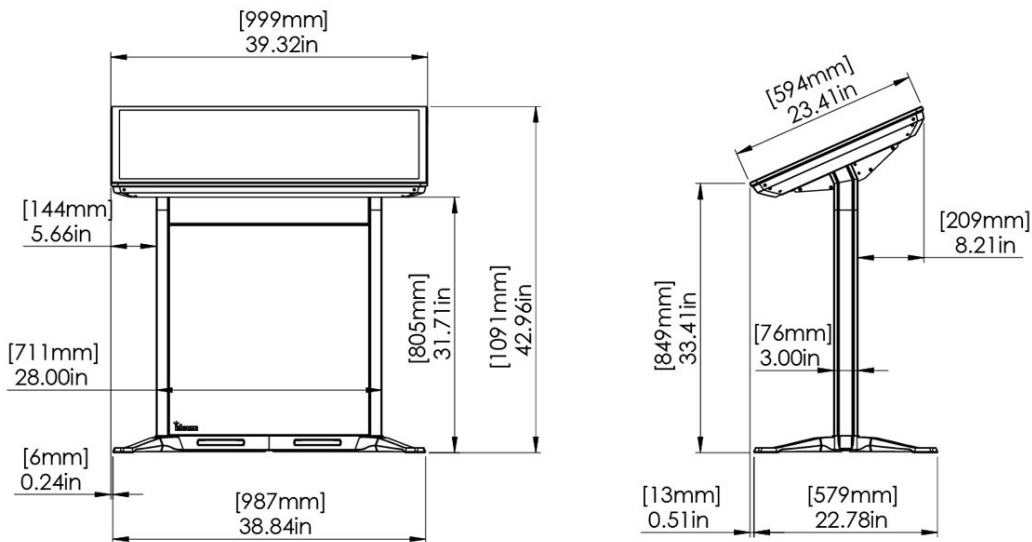*SPECIFICATIONS ARE SUBJECT TO CHANGE.*

02

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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03

43"	WEIGHT **145 LBS / 66 KG***	SHIP WEIGHT **280 LBS / 127 KG***	W/ TRAVEL CASE **385 LBS / 175 KG***
	Weights may vary slightly.		

[999mm] 39.32in

[144mm] 5.66in

[711mm] 28.00in

[6mm] 0.24in

[987mm] 38.84in

[805mm] 31.71in

[1091mm] 42.96in

[594mm] 23.41in

[209mm] 8.21in

[849mm] 33.41in

[76mm] 3.00in

[13mm] 0.51in

[579mm] 22.78in

Interactive Display

- TES (formerly 3M™) projected capacitive touch sensor

- 4K UHD (3840x2160) LCD display

- LG commercial display rated 24/7

- ±5 ms touch response time

- 80 touch points with palm rejection

- Two 10W integrated speakers

- 43" diagonal, strengthened, anti-stiction, 4mm glass surface

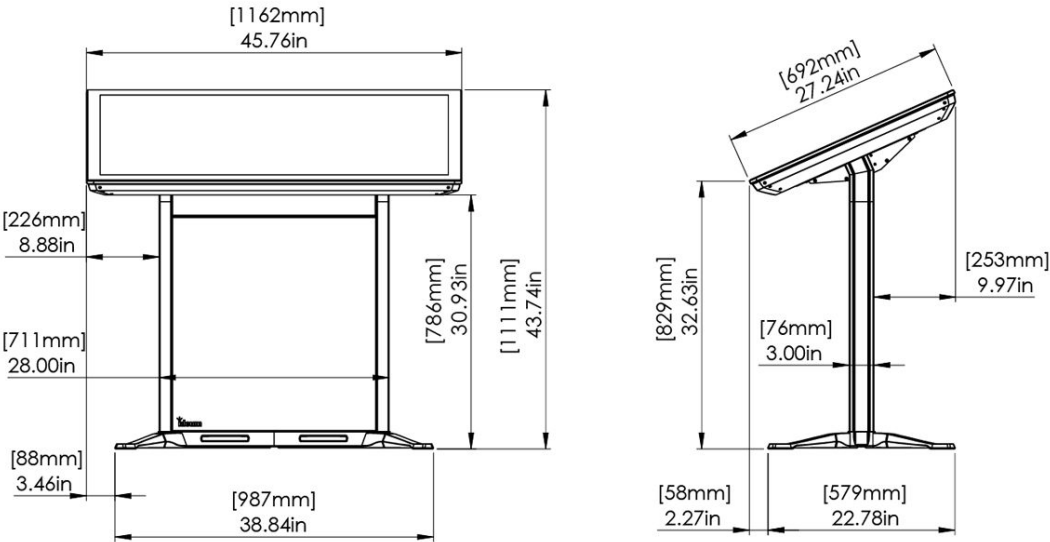- Native contrast ratio 1000:1

- 350 nit (cd/m2) luminance

Integrated System

- Single push-button power

- Custom lockable enclosure

- Windows 11 Pro

- Universal 110-240V power system

STANDARD

- Intel 12th Gen Core i5-12600 processor

- Quadro RTX A2000 6GB NVIDIA graphics card

- 250GB NVMe M.2 SSD

- 16GB 2666MHz DDR4 RAM

PERFORMANCE

- Intel 12th Gen Core i7-12700K processor

- Quadro RTX A4000 16GB NVIDIA graphics card

- Dual 250GB NVMe M.2 SSD

- 32GB 2666MHz DDR4 RAM

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 (option)

- Communication hardware can be removed upon request for secure environments

DRAFTING II ▪ Specifications Sheet

49"	WEIGHT **155 LBS / 71 KG***	SHIP WEIGHT **320 LBS / 146 KG***	W/ TRAVEL CASE **390 LBS / 177 KG***
	*Weights may vary slightly.		

[1162mm]
45.76in

[692mm]
27.24in

[226mm]
8.88in

[786mm]
30.93in

[1111mm]
43.74in

[829mm]
32.63in

[253mm]
9.97in

[711mm]
28.00in

[76mm]
3.00in

[88mm]
3.46in

[987mm]
38.84in

[58mm]
2.27in

[579mm]
22.78in

Interactive Display

- TES (formerly 3M™) projected capacitive touch sensor
- 4K UHD (3840x2160) LCD display
- LG commercial display rated 24/7

- ±5 ms touch response time
- 80 touch points with palm rejection
- Two 10W integrated speakers

- 49" diagonal, strengthened, anti-stiction, 4mm glass surface
- 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

STANDARD

- Intel 12th Gen Core i5-12600 processor
- Quadro RTX A2000 6GB NVIDIA graphics card
- 250GB NVMe M.2 SSD
- 16GB 2666MHz DDR4 RAM

PERFORMANCE

- Intel 12th Gen Core i7-12700K processor
- Quadro RTX A4000 16GB NVIDIA graphics card
- Dual 250GB NVMe M.2 SSD
- 32GB 2666MHz DDR4 RAM

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 (option)
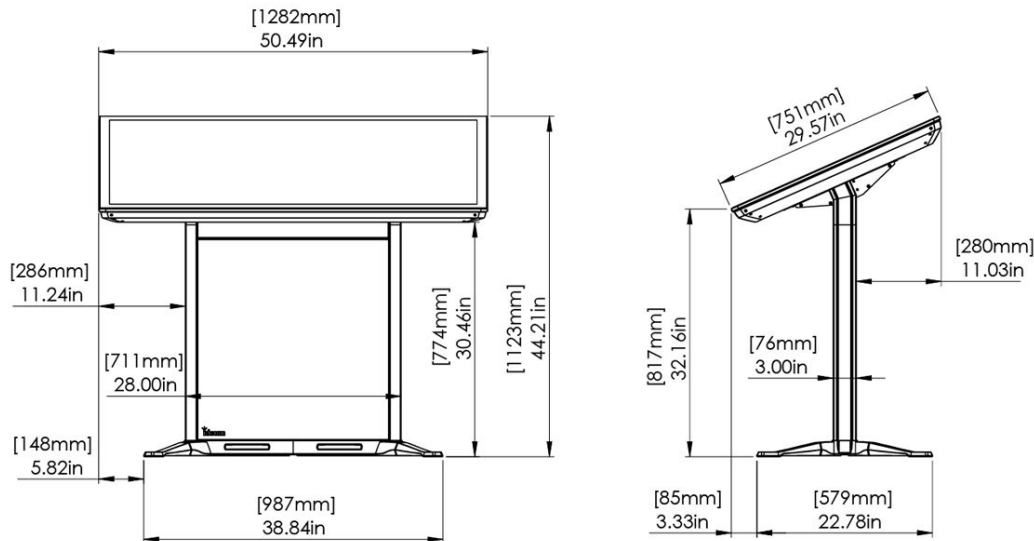- Communication hardware can be removed upon request for secure environments

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05

55"	WEIGHT **170 LBS / 78 KG***	SHIP WEIGHT **345 LBS / 157 KG***	W/ TRAVEL CASE **410 LBS / 186 KG***
	Weights may vary slightly.		

Interactive Display

- TES (formerly 3M™) projected capacitive touch sensor

- 4K UHD (3840x2160) LCD display

- LG commercial display rated 24/7

- ±5 ms touch response time

- 80 touch points with palm rejection

- Two 10W integrated speakers

- 55" diagonal, strengthened, anti-stiction, 4mm glass surface

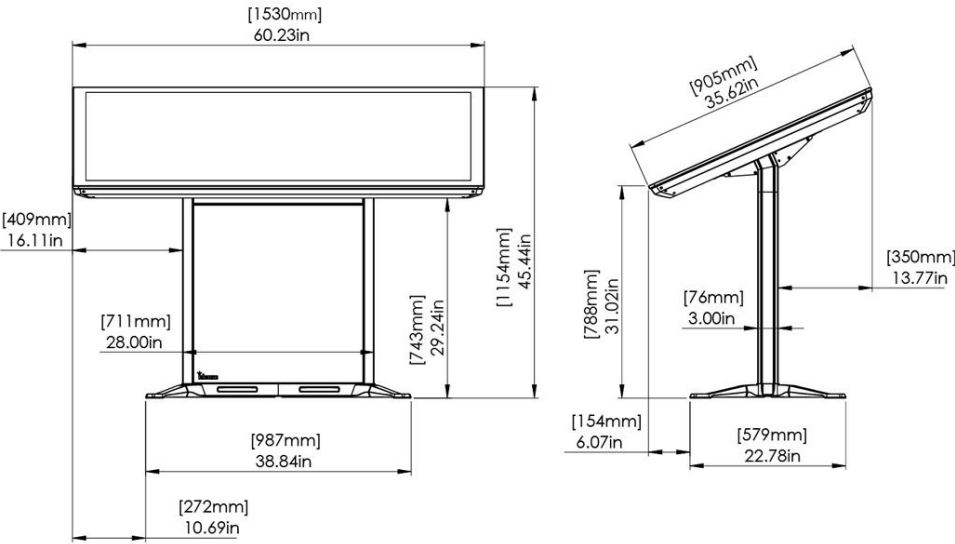- Native contrast ratio 1100:1

- 500 nit (cd/m2) luminance

Integrated System

- Single push-button power

- Custom lockable enclosure

- Windows 11 Pro

- Universal 110-240V power system

STANDARD

- Intel 12th Gen Core i5-12600 processor

- Quadro RTX A2000 6GB NVIDIA graphics card

- 250GB NVMe M.2 SSD

- 16GB 2666MHz DDR4 RAM

PERFORMANCE

- Intel 12th Gen Core i7-12700K processor

- Quadro RTX A4000 16GB NVIDIA graphics card

- Dual 250GB NVMe M.2 SSD

- 32GB 2666MHz DDR4 RAM

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 (option)

- Communication hardware can be removed upon request for secure environments

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06

DRAFTING II ▪ Specifications Sheet

65"	WEIGHT **205 LBS / 93 KG***	SHIP WEIGHT **385 LBS / 175 KG***	W/ TRAVEL CASE **492 LBS / 224 KG***
	Weights may vary slightly.		

Interactive Display

- TES (formerly 3M™) projected capacitive touch sensor

- 4K UHD (3840x2160) LCD display

- LG commercial display rated 24/7

- ±5 ms touch response time

- 80 touch points with palm rejection

- Two 10W integrated speakers

- 65" diagonal, strengthened, anti-stiction, 4mm glass surface

- 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

STANDARD

- Intel 12th Gen Core i5-12600 processor

- Quadro RTX A2000 6GB NVIDIA graphics card

- 250GB NVMe M.2 SSD

- 16GB 2666MHz DDR4 RAM

PERFORMANCE

- Intel 12th Gen Core i7-12700K processor

- Quadro RTX A4000 16GB NVIDIA graphics card

- Dual 250GB NVMe M.2 SSD

- 32GB 2666MHz DDR4 RAM

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 (option)

- Communication hardware can be removed upon request for secure environments

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Customizations

Built-In
Casters

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

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.

Chromebox
System

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

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DESIGNED & BUILT
IN THE USA

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 | NVIDIA™ graphics card | 12th Gen Intel© Core™ Processor | Aircraft-grade aluminum made in the USA |

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09

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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DESIGNED & BUILT
IN THE USA

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. 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

Email: 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, Duet, 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.

ADA
Americans with
Disabilities Act

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 ship date 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.

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