

# Portrait

## Specifications



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The Portrait is a first-of-its-kind, all-in-one, touch and motion-based standing kiosk. It features a 55” 4K Ultra HD display and industry-leading touch technology from 3M™ with support for 80 touch points and the option for an integrated Microsoft™ Kinect® Sensor. The Portrait is equipped with a powerful integrated Intel™ 8th Gen Core processor, the latest NVIDIA™ discrete graphics cards, and single push-button power.





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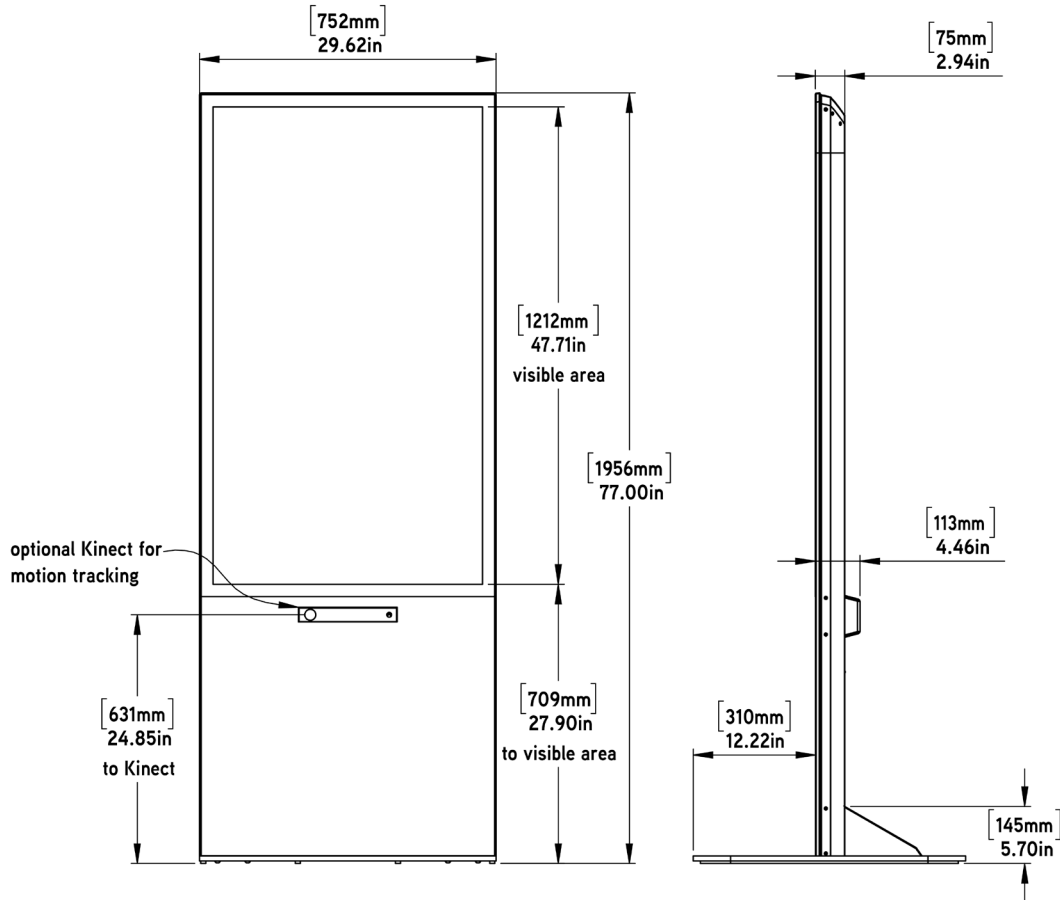
The Portrait's beautiful design is also incredibly tough. Its sleek lines are forged out of aircraft-grade aluminum and covered with a durable powder coat. The Portrait is quality-built in the USA, and ships as a complete, turnkey system with lockable, push-button operation. Just plug it in and turn it on. It doesn't require a technician or any special installation setup. All of Ideum's hardware is backed by a three-year manufacturer's warranty.

55"

**WEIGHT**  
230 LBS / 105 KG

**SHIP WEIGHT**  
780 LBS / 354 KG

**W/ TRAVEL CASE**  
820 LBS / 372 KG



**Interactive Display**

- 3M™ projected capacitive touch system
- 4K UHD (3840x2160) LED LCD display
- ±5ms touch response time
- 55" diagonal, strengthened, anti-stiction, 4mm glass surface
- 80 touch points with palm rejection
- Two 10W integrated speakers
- Native contrast ratio: 1000:1
- 500 nit (cd/m<sup>2</sup>) luminance

**Integrated PC System**

- Single push-button power
- Custom lockable enclosure
- Windows 10 (default), 8.1, or 7
- Universal 110-240V power system

**STANDARD**

- Intel 8th Gen Core i5-8400 processor
- GTX 1070 8GB DDR5 NVIDIA graphics card
- 250GB NVMe M.2 SSD
- 16GB 2400MHz DDR4 RAM

**PERFORMANCE**

- Intel 8th Gen Core i7-8700 processor
- GTX 1080 8GB DDR5X NVIDIA graphics card
- Dual 250GB NVMe M.2 SSD in RAID 0
- 32GB 2400MHz DDR4 RAM

**Connectivity**

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

# Software

Ideum uses innovative software design to tell stories that evoke wonder and spur curiosity about the world around us. Our expertise in a broad range of programming environments allows our work to span the realms of informal and formal education, interactive technology, gaming, art, and entertainment.



## Multitouch Authoring

Ideum multitouch products include a free, lifetime license of GestureWorks 2.

GestureWorks 2 is a multitouch authoring solution that works with C++ and Unity3D. It has nine basic built-in gestures but supports hundred more using the extensible Gesture Markup Language. Licenses include ticketed, timely support\*, and free upgrades for life. More information can be found at: [gestureworks.com](http://gestureworks.com)



## RFID Utility

Ideum multitouch products include an 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](http://ideum.com/news/rfid-reader-app)

*\*Support hours provide dedicated time to troubleshoot any issues that may pertain to our software. Four hours of support are included free. Support hours are valid for the first year of purchase only. Additional annual support packages can be purchased as needed at an additional price. However, the Pro and Site Licenses are lifetime licenses. Please see our License Agreement for full details: <http://gestureworks.com/legal>*

# About Ideum

Ideum is a creative company based in Corrales, New Mexico USA. We offer exhibit design 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 (855) 898-6824, use our online inquiry form, or email us at sales@ideum.com. Our multitouch products are sold domestically 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.

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

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