

IFP INTERACTIVE DISPLAYS**INFORMATION**

65" OS-Free Professional Touch Display for Maximum Security and Full IT Control



The ProLite TN6505A-B1AG is a large-format professional touch display, without an operating system, designed for environments where security, reliability and control are non-negotiable. Despite its minimalist structure, the TN6505A is exceptionally easy to use: simply connect your source and it works. The responsive multi-touch panel, 4K UHD resolution and high brightness deliver a precise and professional experience for collaboration, presentations and interactive applications. Built-in annotation allows users to write directly on the screen with a pen, marking up presentations or any on-screen content in real time for clear and effective communication. The TN6505A is the ideal choice for banks, courts, defence organisations, IT departments, universities and other high-security or compliance-driven environments where simplicity, transparency and trust are essential.



Aesthetics which Elevate Any Environment

Modern, minimal, and made to elevate any environment—this design blends seamlessly into classrooms and boardrooms alike. It's not just a display; it's a statement. Clean lines, premium finish, and a presence that enhances focus and professionalism without stealing the spotlight.



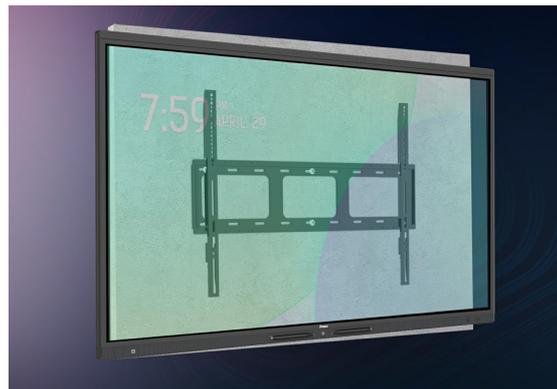
DeepContrast-IR+

The state-of-the-art DeepContrast-IR+ technology ensures accurate and precise touch responses, enabling effortless interaction and annotation.



Standalone Solution & Connectivity

The OPS PC Slot offers a convenient standalone solution, allowing easy integration without the need for additional devices. The USB-C connection provides seamless connectivity, enabling quick data transfer, video output, and power through a single cable for enhanced versatility and ease of use.



Wall Mount

The included wall mount bracket ensures secure and stable installation of your display. Designed for easy setup, it supports VESA compatibility and offers a sleek, space-saving solution. Its durable construction guarantees reliability, making it ideal for classrooms, offices, and meeting rooms.

SPECIFICATION

01 DISPLAY CHARACTERISTICS

| | |
|----------------------------|---|
| Diagonal | 64.5", 163.9cm |
| Panel | IPS, AG coating & Anti-Bacteria coating, haze 25% |
| Native resolution | 3840 x 2160 (8.3 megapixel 4K UHD) |
| Aspect ratio | 16:9 |
| Panel brightness | 500 cd/m ² |
| Brightness | 450 cd/m ² (max.) |
| Static contrast | 1200:1 |
| Response time (GTG) | 5ms |
| Viewing zone | horizontal/vertical: 178°/178°, right/left: 89°/89°, up/down: 89°/89° |
| Horizontal Sync | 30 - 135kHz |
| Viewable area W x H | 1428.5 x 803.5mm, 56.2 x 31.6" |

02 TOUCH

| | |
|------------------------------------|---|
| Touch technology | DeepContrast-IR+ |
| Touch points | 40pt (HID, only with supported OS) |
| Touch accuracy | +/- 1mm |
| Touch interface | USB |
| Supported operating systems | All iiyama monitors are Plug & Play and compatible with Windows and Linux. For details regarding the supported OS for the touch models, please refer to the driver instruction file available in the downloads section. |
| Palm rejection | yes |

03 INTERFACES / CONNECTORS / CONTROLS

| | |
|-------------------------------|---|
| Analog signal input | VGA x1 (FHD) |
| Digital signal input | HDMI x2 (CEC/ARC) DisplayPort x1 USB-C x1 (Power Delivery 65W, DP-Alt, Data, Touch) |
| Audio input | Mini jack x3.5 mm |
| Monitor control input | RS-232c x1 RJ45 (LAN) x2 ((in/out)) |
| Audio output | Mini jack x1 Speakers 2 x 20W (Subwoofer 1x 20W) |
| Monitor control output | RS-232c x1 IR loop through x1 OPS Slot x1 (Intel OPS80 standard) |
| USB ports | x1 2.0 (2x 3.2 (USB-B up for touch HDMI1/DP/VGA)) |
| RS-232c | x1 |
| RJ45 (LAN) | x2 |

04 FEATURES

| | |
|----------------------------|---------------------|
| Integrated software | No Operating System |
| PiP | yes |
| PbP | yes |

05 GENERAL

| | |
|----------------------|---|
| OSD languages | EN, DE, FR, ES, IT, RU, JP, NL |
| User controls | Color temp., image mode (including eye protection mode), sound mode, no signal standby (Off / 1 min. / 3 min. / 5 min. / 15 min. / 30 min.), meeting mode, time scheduler, key lock, PIP & PBP, brightness / contrast. |

06 MECHANICAL

| | |
|------------------------------------|---------------|
| Orientation | landscape |
| Fanless design | yes |
| VESA mounting | 600 x 400mm |
| Operation temperature range | 0°C - 40°C |
| Storage temperature range | - 20°C - 60°C |

07 ACCESSORIES INCLUDED

| | |
|---------------|---|
| Cables | power, HDMI, RS-232c |
| Other | 4x Stylus, Webcam bracket, Wall mount, HDMI 3m, USB 3m, Power |

08 POWER MANAGEMENT

| | |
|--------------------------|--|
| Power supply unit | internal |
| Power usage | 146W typical, 0.5W stand by, 0.3W off mode |

09 SUSTAINABILITY

| | |
|--|---|
| Regulations | CB, CE, TÜV-Bauart, EAC, RoHS support, ErP, WEEE, REACH, UKCA |
| Energy efficiency class (Regulation (EU) 2017/1369) | G |
| REACH SVHC | above 0.1%: Lead |

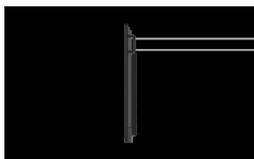
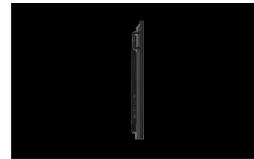
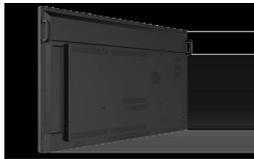
10 DIMENSIONS / WEIGHT

| | |
|---|--------------------------|
| Product dimensions W x H x D | 1489.1 x 911.8 x 118.6mm |
| Weight (without box) | 41.1kg |
| EAN code | 4948570127061 |

11 EU ENERGY EFFICIENCY LABEL

Energy efficiency class (Regulation (EU) 2017/1369) G

| | |
|-------------------|---------------|
| Power in OFF Mode | 0.3W off mode |
|-------------------|---------------|



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