

**IFP INTERACTIVE DISPLAYS****INFORMATION**

## **86" OS-Free Professional Touch Display for Maximum Security and Full IT Control**



The ProLite TN8605A-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 TN8605A 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 TN8605A 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.



### OS-Free

- No operating system, where security, reliability and control matter.



### Maximum security

With no operating system to manage or update, the display offers a stable, secure solution ideal for environments where data protection and reliability are critical.



### Plug & Play simplicity

Designed for ultimate ease of use: plug in your laptop and share your content instantly. No operating system, no complicated configuration.



### 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.

## 01 DISPLAY CHARACTERISTICS

|                     |                                                                                                           |
|---------------------|-----------------------------------------------------------------------------------------------------------|
| Diagonal            | 85.6", 217.4cm                                                                                            |
| Panel               | IPS, AG coating & Anti-Bacteria coating, haze 25%                                                         |
| Touch Glass         | Anti-Glare glass with Anti-Gloss treatment, Anti-Bacterial coating, Ultra Smooth writing, Optical Bonding |
| Panel               | IPS                                                                                                       |
| Native resolution   | 3840 x 2160                                                                                               |
| Aspect ratio        | 16:9                                                                                                      |
| Panel brightness    | 500 cd/m <sup>2</sup>                                                                                     |
| Brightness          | 450 cd/m <sup>2</sup> (typ.)                                                                              |
| Static contrast     | 1200:1                                                                                                    |
| Response time (GTG) | 8ms                                                                                                       |
| Viewing zone        | horizontal/vertical: 178°/178°, right/left: 89°/89°, up/down: 89°/89°                                     |
| Horizontal Sync     | 30 - 135kHz                                                                                               |
| Viewable area W x H | 1895.0 x 1066.0mm, 74.6 x 42.0"                                                                           |
| Pixel pitch         | 0.4935mm                                                                                                  |

## 02 TOUCH

|                             |                                                                                                                                                                                                                         |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Touch technology            | DeepContrast-IR+                                                                                                                                                                                                        |
| 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)<br>DisplayPort x1<br>USB-C x1 (Power Delivery 65W, DP-Alt, Data, Touch) |
| Audio input            | Mini jack x3.5mm                                                                          |
| Monitor control input  | RS-232c x1<br>RJ45 (LAN) x2                                                               |
| Digital signal output  | USB-C x1                                                                                  |
| Audio output           | Speakers 2 x 20W (Subwoofer 1x 20W)                                                       |
| Monitor control output | 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 ((in/out))                                                                             |

## 04 FEATURES

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

## 05 GENERAL

|               |                                                                                                                                                                                                                         |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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

|                             |               |
|-----------------------------|---------------|
| Fanless design              | yes           |
| VESA mounting               | 800 x 600mm   |
| Operation temperature range | 0°C - 40°C    |
| Storage temperature range   | - 20°C - %2°C |

## 07 ACCESSORIES INCLUDED

|       |                                                               |
|-------|---------------------------------------------------------------|
| Other | 4x Stylus, Webcam bracket, Wall mount, HDMI 3m, USB 3m, Power |
|-------|---------------------------------------------------------------|

## 08 POWER MANAGEMENT

|             |                                            |
|-------------|--------------------------------------------|
| Power usage | 225W 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<br>W x H x D | 1955.9 x 1174.3 x 120.6mm |
| Weight (without box)            | 66.4kg                    |
| EAN code                        | 4948570127085             |

## 11 EU ENERGY EFFICIENCY LABEL

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



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