

**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.

## SPECIFICATION

### 01 DISPLAY CHARACTERISTICS

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

### 02 TOUCH

<b>Touch technology</b>	DeepContrast-IR+
<b>Touch accuracy</b>	+/- 1mm
<b>Touch interface</b>	USB
<b>Supported operating systems</b>	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.
<b>Palm rejection</b>	yes

### 03 INTERFACES / CONNECTORS / CONTROLS

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

## 04 FEATURES

<b>Integrated software</b>	No Operating System
<b>PIP</b>	yes
<b>PbP</b>	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

<b>Fanless design</b>	yes
<b>VESA mounting</b>	800 x 600mm
<b>Operation temperature range</b>	0°C - 40°C
<b>Storage temperature range</b>	- 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

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

## 10 DIMENSIONS / WEIGHT

<b>Product dimensions W x H x D</b>	1955.9 x 1174.3 x 120.6mm
<b>Weight (without box)</b>	66.4kg
<b>EAN code</b>	4948570127085

## 11 EU ENERGY EFFICIENCY LABEL

**Power in OFF Mode** 0.3W off mode



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