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.

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

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/m²
Brightness	450 cd/m² (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

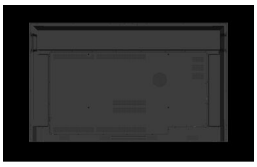
10 DIMENSIONS / WEIGHT

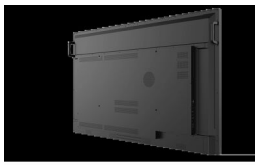
Product dimensions W x H x D	1489.1 x 911.8 x 118.6mm
Weight (without box)	41.1kg
EAN code	4948570127061

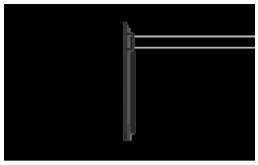
11 EU ENERGY EFFICIENCY LABEL

Energy efficiency class (Regulation (EU) 2017/1369)	G
Power in OFF Mode	0.3W off mode

GALLERY







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