TOUCHSCREENS

INFORMATION



24” DeepContrast PCAP+ 10pt touchscreen monitor featuring IPS panel technology, Edge-to-Edge glass design and anti-fingerprint coating

Enjoy smooth and intuitive control with the ProLite T2452MSC-B2, a 24" Full HD touchscreen built for natural and precise touch. Its DeepContrast PCAP+ (Optical Bonded PCAP) 10-point touch technology ensures instant responsiveness, vivid contrast and reduced reflections thanks to optical bonding, in addition, the display is protected from moisture and potential condensation development. The anti-fingerprint coating keeps the screen clean and easy to read, while the IPS panel delivers rich colours and consistent image quality from any angle.

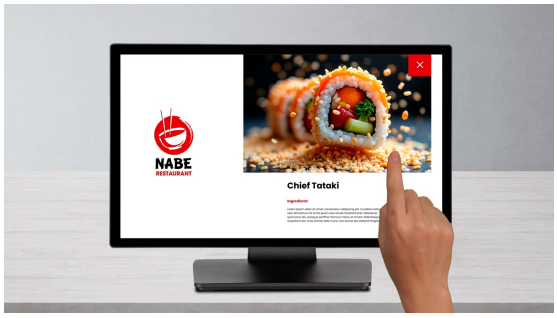
Designed for comfort and efficiency, the adjustable stand supports ergonomic positioning, and the integrated cable management system keeps your workspace neat. With built-in audio and versatile connectivity (HDMI, DisplayPort, USB 3.2 hub), it offers a clean and flexible setup. Sleek edge-to-edge glass and a refined black design make it as stylish as it is functional – perfect for interactive signage, retail, POS, hospitality and creative spaces.

FEATURES



Vivid colors and wide viewing angles

Ensure perfect visibility from any position - The IPS panel delivers vivid, consistent colors and wide viewing angles, ideal for dynamic retail environments and busy commercial spaces.



Responsive interaction and good protection

Featuring intuitive DeepContrast PCAP+ touch technology with Optical Bonding, the screen offers smooth and responsive interaction with reduced glare, while remaining protected from moisture and condensation. Perfect for high-use environments.



Deep contrast and less reflections

Enjoy crystal-clear visuals with deep contrast and less glare - the optical bonded touch panel ensures sharp, easy-to-read content, even under bright retail lighting.



Always clear, always clean

The scratch-resistant, anti-fingerprint coating keeps the screen looking clear and professional even in busy retail settings, reducing visible smudges and protecting the surface from daily wear - your content always shines and the display stays easy to clean.

SPECIFICATION

01 DISPLAY CHARACTERISTICS

Design	Edge to edge glass
Diagonal	24", 60.5cm
Panel	IPS
Native resolution	1920 x 1080 @120Hz (2.1 megapixel Full HD)
Aspect ratio	16:9
Panel brightness	400 cd/m²
Brightness	360 cd/m² with touch
Light transmittance	90%
Static contrast	1300:1 with touch
Response time (GTG)	5ms
Viewing zone	horizontal/vertical: 178°/178°, right/left: 89°/89°, up/down: 89°/89°
Colour support	16.7mln
Horizontal Sync	30 - 138kHz
Viewable area W x H	527 x 296.5mm, 20.7 x 11.7"
Pixel pitch	0.275mm
Bezel colour and finish	black, matte

02 TOUCH

Touch technology	optical bonding PCAP
Touch points	10 (HID, only with supported OS)
Touch accuracy	+- 2mm
Touch method	stylus, finger, glove (latex)
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

Digital signal input	HDMI x1 DisplayPort x1
Audio output	Mini jack x1 Speakers 2 x 1W
HDCP	yes
USB HUB	x2 (v.3.2 (Gen 1, 5Gbit))

04 FEATURES

Extra	DeepContrast PCAP+ (optical Bonding PCAP), anti-fingerprint, touch support with gloved hand (thickness +2mm)
Glass hardness	7H
OSD key lock	yes

05 GENERAL

OSD languages	EN, DE, FR, ES, IT, PT, RU, JP, NL, PL
Control buttons	Menu, scroll up / ECO, scroll down / volume, select / input, power
User controls	Picture adjust (brightness, contrast, i-Style Color, adv. contrast, ECO, OverDrive, X-Res technology), color settings (gamma, RGB range, color temp.), image settings (video mode adjust, blue light reducer, sharp and soft), OSD (horizontal pos., vertical pos., OSD time, OSD background, language, display information), extra (reset, DDC/CI, signal select, volume, mute, led, opening logo, touch switch)
Convenience	Kensington-lock™ prepared
Blue light reducer	yes
Flicker free	yes
Plug&Play	DDC2B

06 MECHANICAL

Orientation	landscape, face-up
Tilt angle	90° up; 5° down
VESA mounting	100 x 100mm
Cable management system	yes
MTBF	50000 hours (excluding backlight)

07 ACCESSORIES INCLUDED

Cables	power (1.8m), USB (1.5m), HDMI (1.5m)
Guides	quick start guide, safety guide
Other	Screwdriver
Cable cover	yes

08 POWER MANAGEMENT

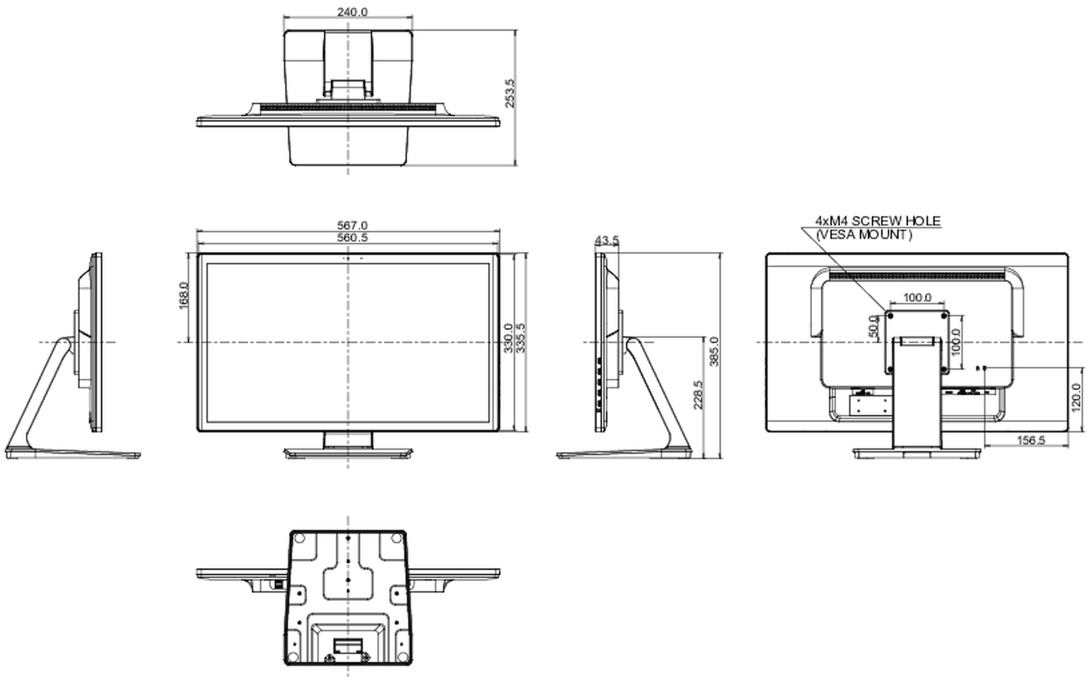
Power supply unit	internal
Power supply	AC 100 - 240V, 50/60Hz
Power usage	18W typical, 1.5W stand by, 0.3W off mode

09 SUSTAINABILITY

Regulations	RoHS support, ErP, WEEE, REACH
Energy efficiency class (Regulation (EU) 2017/1369)	E
REACH SVHC	above 0.1%: Lead, Lead monoxide (lead oxide)

10 DIMENSIONS / WEIGHT

Product dimensions W x H x D	567 x 385 x 253.5mm
Box dimensions W x H x D	635 x 405 x 143mm
Weight (without box)	5.6kg
Weight (with box)	7.1kg
EAN code	4948570127221



GALLERY



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