

27” Optical Bonded PCAP 10pt IPS Touchscreen monitor with edge-to-edge glass, active stylus support (MPP 2.0), anti-fingerprint coating and a flexible stand

The ProLite T2755QSC with its WQHD (2560x1440) resolution and IPS panel technology offers exceptional colors and wide viewing angles. The Optical Bonded Projective Capacitive (PCAP) 10-point touch technology ensures a seamless and accurate touch response and a lower light reflection, in addition, the display is protected against humidity and potential moisture development. A special anti-fingerprint coating ensures a smoother touch and less resistance in the swipe. It makes the screen less static and susceptible to dirt, dust and fingerprints.

The monitor supports MPP2.0 (Microsoft Pen Protocol) technology, which is used in digital pens and styluses for use with compatible devices. The pen or stylus can interact with the ProLite T2755QSC, allowing users to write, draw, and navigate on the screen. It is very precise and supports tilt functionality, meaning the users can adjust the thickness and angle of their lines by tilting the pen, providing a more natural and intuitive writing and drawing experience. Its flexible stand can be positioned at several angles creating a comfortable and ergonomic user experience. A perfect choice for a vast array of creative applications.

MPP2.0 Support

Microsoft Pen Protocol (MPP) is a technology used in digital pens and styluses for use with compatible devices. The protocol enables the pen or stylus to interact with the device, allowing users to write, draw, and navigate on the screen. The 2.0 version is more responsive to the user's touch giving a more precise control when writing or drawing on the screen. It also supports tilt functionality, which allows the pen to detect the angle at which it is held, meaning the users can adjust the thickness and angle of their lines by tilting the pen, providing a more natural and intuitive writing and drawing experience.

Optical bonded PCAP

The optical bonded projective capacitive (PCAP) touch technology reduces the air gap between the touch layer and the display making the touch response more accurate. It improves also the visual quality by reducing reflections and glare. In addition the display is protected against dust and potential moisture development.

01 DISPLAY CHARACTERISTICS

Design	Edge to edge glass
Diagonal	27", 68.4cm
Panel	IPS
Native resolution	2560 x 1440 @75Hz (3.7 megapixel QHD)
Aspect ratio	16:9
Panel brightness	400 cd/m ²
Brightness	360 cd/m ² with touch
Light transmittance	90%
Static contrast	1000:1
Response time (GTG)	5ms
Viewing zone	horizontal/vertical: 178°/178°, right/left: 89°/89°, up/down: 89°/89°
Colour support	16.7mln 8bit
Horizontal Sync	30 - 100kHz
Viewable area W x H	597 x 336mm, 23.5 x 13.2"
Pixel pitch	0.233mm
Bezel colour and finish	black, matte

02 TOUCH

Touch technology	bonded 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 (3.2 Gen 1 (5Gbps, DC5V, 900mA))

04 FEATURES

Extra	anti-fingerprint coating, MPP2.0
Glass hardness	7H
OSD key lock	yes

05 GENERAL

OSD languages	EN, DE, FR, ES, IT, PT, RU, JP, NL, PL
Control buttons	Press/enter, right/volume, left/eco/exit, up/signal select, down, power

User controls

Picture adjust (brightness, contrast, i-Style Colour, adv. contrast, ECO, OverDrive, X-Res technology), colour 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, opening logo, led, touch switch)

Convenience

Kensington-lock™ prepared

Blue light reducer

yes

Flicker free

yes

Plug&Play

DDC2B

06 MECHANICAL**Tilt angle**

15° up; 70° down

VESA mounting

100 x 100mm

MTBF

50000 hours (excluding backlight)

07 ACCESSORIES INCLUDED**Cables**

power, USB, HDMI

Guides

quick start guide, safety guide

Other

spiral tube

08 POWER MANAGEMENT**Power supply unit**

internal

Power supply

AC 100 - 240V, 50/60Hz

Power usage

35W typical, 1.5W stand by, 0.3W off mode

09 SUSTAINABILITY**Regulations**

CE, TÜV-Bauart, EAC, RoHS support, ErP, WEEE, REACH, UKCA, cTUVus

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

D

REACH SVHC

above 0.1%: Lead

10 DIMENSIONS / WEIGHT**Product dimensions W x H x D**

614 x 364.5 x 49mm

Box dimensions W x H x D

710 x 460 x 130mm

Weight (without box)

5.8kg

Weight (with box)

7.3kg

EAN code

4948570122981

All trademarks and registered trademarks acknowledged. E & O E. Specification subject to change without notice. All LCD's comply with ISO-9241-307:2008 in connection with pixel defects.

© IIYAMA CORPORATION. ALL RIGHTS RESERVED