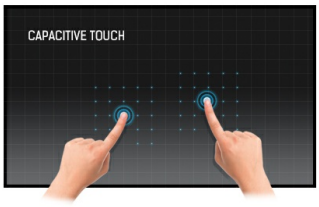
15.6" P-Cap 10 point multi-touch monitor with edge-to-edge glass

The 15.6” LED-backlit ProLite T1633MC-B1 uses Projective Capacitive Multi-Touch Technology and is built into an eye catching bezel with edge-to-edge glass. The screen features a 1366 x 768 resolution, triple inputs (HDMI, DisplayPort, VGA) and USB Hub, comes with a rugged bezel and IP54 rated front making it suitable for demanding environments.
The ProLite T1633MC-B1 is the ideal solution for in-store retail and kiosk integration.



Touch technology - Capacitive

This technology uses a sensor-grid of micro-fine wires integrated into the glass that covers the screen. Touch is detected because electrical characteristics of the sensor grid change when human finger is placed on the glass. Thanks to the glass overlay this technology is highly durable, and the touch function remains unaffected even if the glass is scratched. It offers perfect picture performance and will work with human finger (also latex gloved) and stylus-pen.

Scratch resistance

Scratch resistance is essential for touch solutions used in public places and schools. This is achieved thanks to a glass overlay covering the screen. It guarantees high durability of the touch function and even more importantly the touch function remains unaffected even if the glass is scratched.

01 DISPLAY CHARACTERISTICS

Design	Edge to edge glass
Diagonal	15.6", 39.5cm
Panel	TN LED
Native resolution	1366 x 768 @60Hz (1.0 megapixel)
Aspect ratio	16:9
Brightness	300 cd/m² typical
Brightness	255 cd/m² with touch
Static contrast	500:1 with touch
Light transmittance	85%
Response time	8ms
Viewing zone	horizontal/vertical: 160°/160°, right/left: 80°/80°, up/down: 80°/80°
Colour support	16.7mln 8bit (6bit + Hi-FRC)
Horizontal Sync	31.4 - 60.3KHz
Vertical Sync	56 - 75Hz
Viewable area W x H	344.2 x 193.6mm, 13.6 x 7.6"
Pixel pitch	0.252mm
Bezel colour and finish	black, matte

02 TOUCH

Touch technology	projective capacitive
Touch points	10 (HID, only with supported OS)
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	No

03 INTERFACES / CONNECTORS / CONTROLS

Analog signal input	VGA x1
Digital signal input	HDMI x1 DisplayPort x1
HDCP	yes
USB HUB	x2 (v.2.0)

04 FEATURES

Glass thickness	1.5mm
Impact testing	IP54 (front)
OSD key lock	yes

05 GENERAL

OSD languages	EN, DE, FR, ES, IT, PT, CN, RU, JP, CZ, NL, PL
Control buttons	Auto/Input Select, -/Eco Button, +/Blue Light Reducer Button, Menu, Power

User controls	luminance (contrast, brightness, i-Style color, adv. contrast, overdrive), image setup (clock, phase, H. position, V. position, aspect ratio), color temp., OSD setup (H. position, V. position, timeout, language, touch wake up), extra (input select, DDC/CI, reset, information, resolution, H. frequency, V. frequency, opening logo, LED)
Convenience	Kensington-lock™ prepared
Blue light reducer	yes
Plug&Play	DDC2B

06 MECHANICAL

Tilt angle	90° up; 5° down
VESA mounting	100 x 100mm
Cable management system	yes

07 ACCESSORIES INCLUDED

Cables	power (1.8m), USB (1.8m), HDMI (1.8m), DP (1.8m)
Guides	quick start guide, safety guide
Other	AC adapter
Cable cover	yes

08 POWER MANAGEMENT

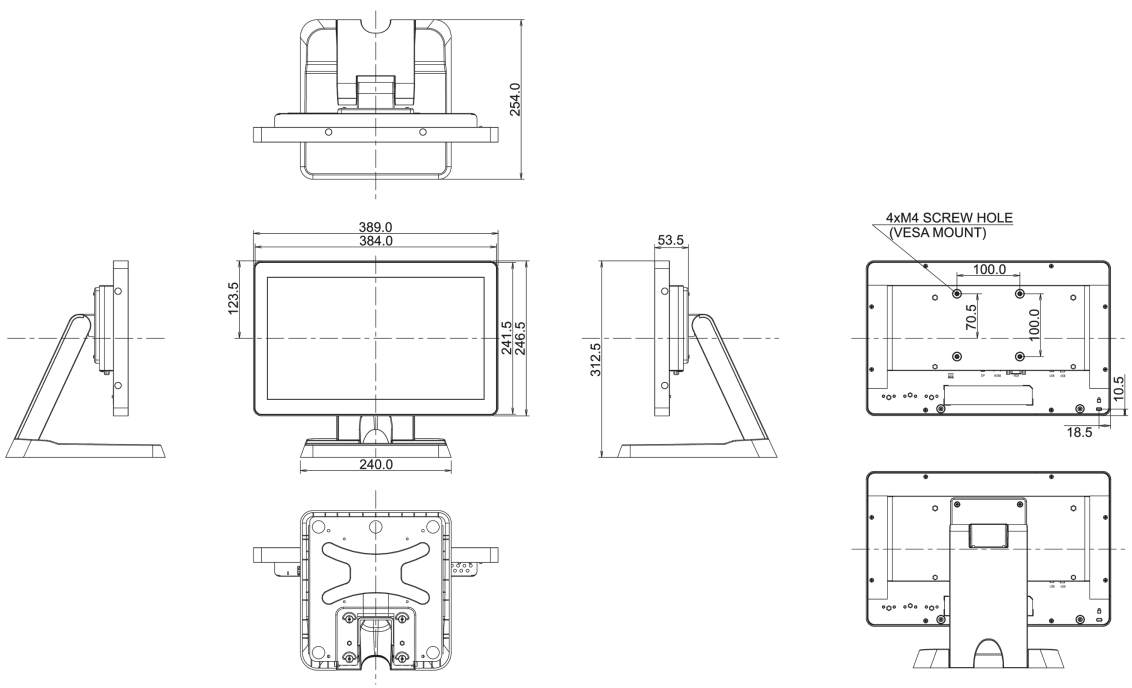
Power supply unit	external
Power supply	DC 12 V
Power usage	13,5W typical, 2W stand by, 2W off mode

09 SUSTAINABILITY

Regulations	CB, CE, TÜV-Bauart, EAC, RoHS support, ErP, WEEE, REACH
Other	REACH SVHC above 0.1%: Lead

10 DIMENSIONS / WEIGHT

Product dimensions W x H x D	389 x 312.5 x 254mm
Weight (without box)	4.5kg
EAN code	4948570116393



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