

21.5-inch Touchscreen Monitor

YL-GZPB03Q215TC-V1

PB03 SERIES

PRODUCT VIEWS



Product and connector views from the model specification.

CONSTRUCTION & MOUNTING

All-aluminum profile construction.

Wall mounting; VESA 100 × 100 mm.

EMC SPECIFICATION

Radiated emissions: EN 55032 Class A.
ESD: contact ±4 kV, air ±8 kV; performance criterion B.

IP67: front panel only. The rear housing and connectors are outside this rating.

DISPLAY

Display size	21.5 inches
Resolution	1920 × 1080
Luminance	500 cd/m ²
Contrast ratio	1000:1
Viewing angle	89 / 89 / 89 / 89°
Display colors	16.7 million
Response time	14 ms
MTBF	30,000 hours

TOUCH

Touch technology	Capacitive touchscreen
Controller / interface	USB; driver-free
Touch response	≤ 5 ms
Surface hardness	Mohs 7

ELECTRICAL

Video inputs	HDMI + VGA
Power input	DC 12 V
Power connector	DC 5521
Operating power	P _{max} = 30 W
Idle power	< 1 W

ENVIRONMENT

Operating temperature	0 to 50°C
Storage temperature	-20 to 60°C
Humidity	10-90% RH

MECHANICAL

VESA mounting	100 × 100 mm
Net weight	TBD

INGRESS PROTECTION

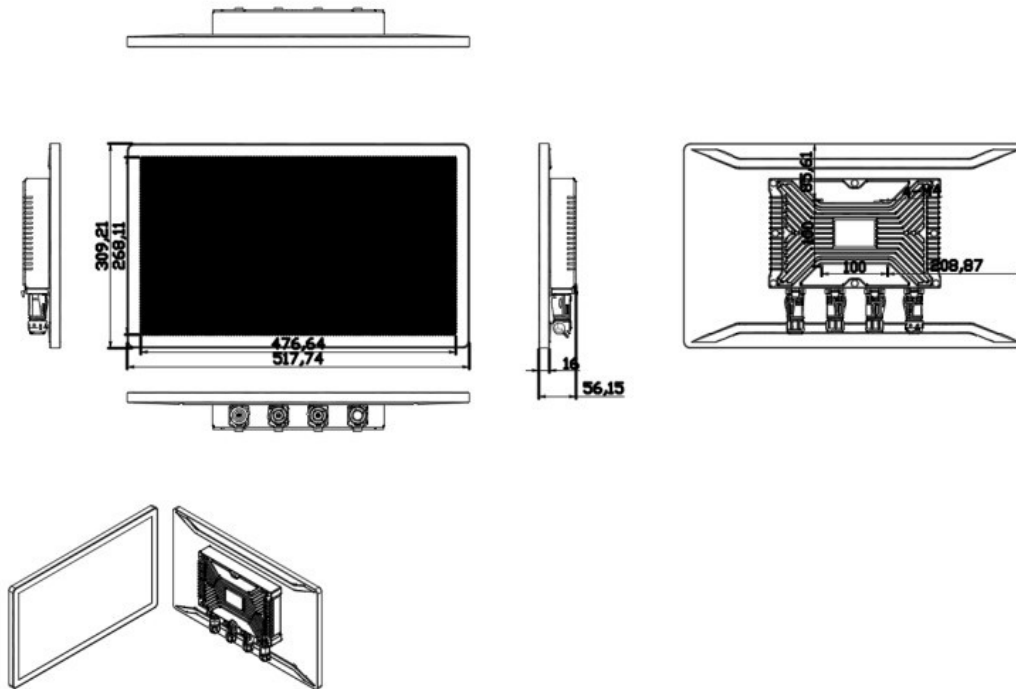
Protection	IP67 - front panel only
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Mechanical & Ordering Details

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DIMENSIONAL REFERENCE



Overall dimensions: 517.74 × 309.21 × 56.15 mm

Units: mm. Reference views are not to scale. Request the released drawing for tolerances, panel cutout and production use.

ORDERING INFORMATION

Part number	YL-GZPB03Q215TC-V1
Description	21.5-inch capacitive touchscreen monitor; DC 12 V input; HDMI and VGA video inputs. 1.1 mm cover glass. IP67 front panel only.

PACKING LIST

Item	Qty
Touchscreen monitor	1
Power adapter	1
Power cable, 1.8 m	1
HDMI cable, 1.5 m	1
USB cable, 1.5 m	1

APPLICATION CONSIDERATIONS

Durability and reliability. Select the mechanical design against the specified temperature, humidity and environment.

Electromagnetic interference. Review electrical noise, the EMC specification and the installed system together.

Color performance. Confirm application-specific requirements for clear and accurate visual information.