TRIUMPH BOARD 86" IFP BLACK PRO

TECHNICAL SPECIFICATION

EAN: 8592580122347

Display

Diagonal Size:	2174,3 mm (86")
Resolution:	UHD (3840 × 2160)
Panel Type:	IPS
Backlight:	DLED
Aspect Ratio:	16:9
Display Area:	1895,04 (H) x 1065,96 (V) mm
Display Colors:	1.07 B (10 - bit)
Brightness:	450 cd/m2 (500 max.)
Contrast:	1200:1 (5000:1 dynamic)
Response Time:	≤ 8 ms
Refreshing Frequency:	60 Hz
View Angle:	178°/178° (H/V)
Life Time:	50 000 hrs (panel)
Operating Time:	16/7

Computing

Version:	Android 16 & EDLA-Certified
CPU:	ARM Cortex A72×4+A53×4
GPU:	Mali G52 MC3
RAM / ROM:	8 GB / 128 GB
Wi-Fi Module:	Wi-Fi 6, 2.4 / 5 / 6 GHz
Hotspot:	Yes
BT Module:	5.3
OTA Update:	Yes
Light Sensor:	Yes
Device Management:	TeamViewer QuickSupport
UI & Annotation:	4K
NFC Lock:	Yes
PIR Detection:	Optional
Environmental Sensor:	Optional
(Temperature, Humidity, PM2.5, CO2)	

Software

Google Play – official pre-installed app store
Environmental Monitoring Widgets (Android / optional)
Note – annotation software for every source (Android) / Note 3 (Windows)
Bytello Share – wireless content sharing software (Android)
Bytello AI – cutting-edge AI capabilities (1-year license)
Bytello DMS – remote management software (1-year license)
MobiOffice – easy-to-use cross-platform office suite application (Android)
mozaBook CLASSROOM – educational presentation software (1-year license, Windows/Android, optional)

Inputs and Outputs

OPS PC Slot (80 Pin):	1
HDMI IN:	3 (Front 1x)
HDMI OUT:	1
DP IN:	1
VGA:	1
AUDIO IN:	1
AUDIO OUT:	1
LAN 10/100/1000 Mbps:	2 (RJ45 IN / RJ45 OUT)
S/PDIF:	1
USB Type-C:	2 (Front 1x)*
USB 2.0:	1
USB 3.0:	4 (Front 2x)
TOUCH USB 3.0 (Type B):	2 (Front 1x)
RS232 IN:	1
TF Card Slot:	1

* Video/Audio (DP Alt 3840x2160@60 Hz), Touch, Power Delivery (65W), LAN Network Sharing

Glass

Glass Type:	Anti-Glare & Tempered
Thickness:	3,2 mm
Hardness:	Mohs 7
Bonding Technology:	Zero Bonding Gen 2
Air Gap:	0 mm (center)
Antibacterial Feature:	Buttons and Writing Pens

Power

Power Requirements:	100~240 V AC 50/60 Hz 5.0A
Power Consumption with OPS:	400 W max.
Power Consumption Typical:	240 W
Power Consumption without OPS:	< 179 W min.
Standby Power Consumption:	≤ 0.5 W

Touch System

Touch Technology:	Infrared Transmission
Number of Touch Points:	50 / Windows & Android
Response Time:	≤ 2,5 ms
Touch Accuracy:	1 mm
Minimum Touch Object:	2 mm
Writing Height:	≤ 2 mm
Interpolation Resolution:	32768(W)×32768(D)
Touch Tool:	Finger,Stylus,Palm
Compatibility:	Win, Mac, Linux, Android, Chrome

Ambient Conditions

Operation Temperature:	0°- 40°C
Operation Humidity:	10 - 90% RH
Storage Temperature:	-20° - 60°C
Storage Humidity:	10 - 90% RH
Altitude Below:	< 5000 m

Sound System

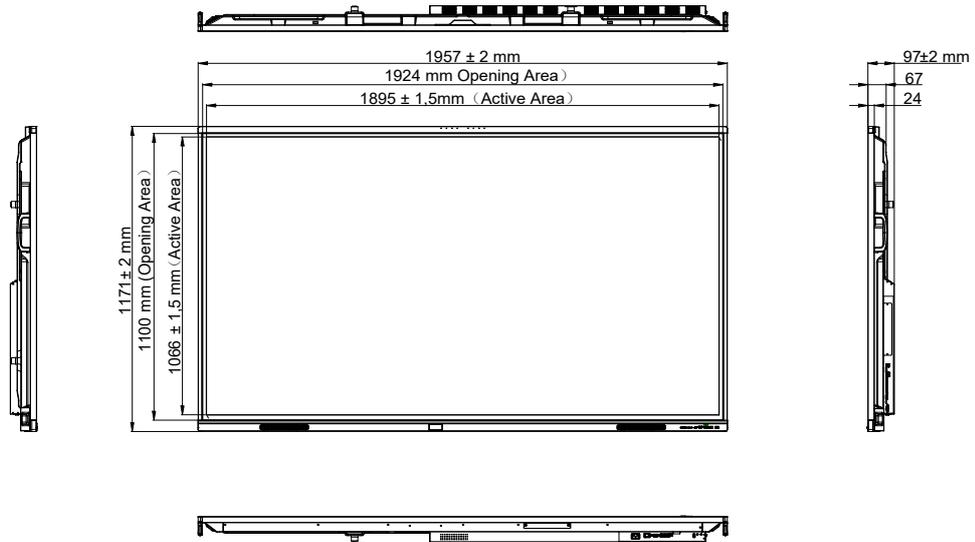|	
Speaker Position:	Front
Sound Channel:	2.1
Power Amplify:	2x25W + 20 W
Microphone:	8x / 0 ~ 8m

Dimensions

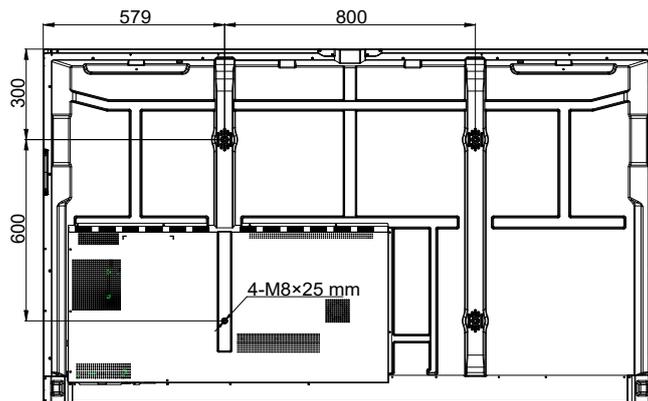|	
Product Dimensions:	1957 x 1171 x 97 mm (LxWxD)
Box Dimensions:	2110 x 225 x 1304 mm (LxWxH)
Net Weight:	55 kg
Gross Weight:	70 kg
Mount System:	VESA 800 x 600

Accessories

1x HDMI Cable
1x AC Power Cable
1x USB Touch Cable
2x Stylus & 1x Smart Pen (AI Stylus)
1x Remote Control
1x Wall Mount
1x Quick Start Guide
1x Wi-Fi Module

TRIUMPH BOARD reserves the right to change the product specifications without notice.

Front

1957 ± 2 mm
1924 mm Opening Area）
1895 ± 1,5mm（Active Area）

97±2 mm
67
24

1171± 2 mm (Opening Area）
1100 mm (Opening Area）
1066 ± 1,5 mm（Active Area）

Back

579
800
300
600

4-M8×25 mm

VESA Mount

960 mm

27 mm

200 ～ 800 mm

Ø 8.5 mm

200 ～ 600 mm
248 mm

620 mm

180 mm

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