LG CreateBoard Standard interactive whiteboard 2.18 m (86") 3840 x 2160 pixels Touchscreen Black



Brand : LG

Product code: 86TR3DQ-B.AUEQ

Product name : CreateBoard Standard



- Resolution : 3,840 × 2,160 (UHD)
- Brightness : 400 nit (Typ.)
- Multi-Touch Point : Max. 50 Points
- OS Ver. : Andorid 14 (EDLA)
- Interface (Input) : HDMI (3), DP, RGB (VGA), Audio, RS-232C, RJ45 (LAN), USB Type-C (2), USB 3.0 Type-A (5), USB 2.0 Type-A
- Interface (Output) : HDMI Out, Audio Out, Touch USB (3), RJ45 (LAN)

CreateBoard Standard, 86", 3840x2160, 1200:1, IPS, 400nit, HDMI, DisplayPort, USB, RJ-45, RS232C In, Wi-Fi

LG CreateBoard Standard. Display diagonal: 2.18 m (86"), Display brightness: 400 cd/m², Display number of colours: 1.07 billion colours. Operating system installed: Android, Processor architecture: ARM Cortex A73 + ARM Cortex A53, Maximum internal memory: 64 GB. Speaker power: 40 W, Subwoofer RMS power: 20 W. Top Wi-Fi standard: Wi-Fi 6E (802.11ax). USB connector type: Micro-USB A, USB Type-C

Display	
Display diagonal *	2.18 m (86")
Display brightness	400 cd/m²
Display number of colours	1.07 billion colours
Display resolution	3840 x 2160 pixels
Anti-glare screen	✔
HD type	4K Ultra HD
Panel type	IPS
LED backlight	✔
LED backlighting type	Direct-LED
Native aspect ratio	16:9
Contrast ratio (typical)	1200:1
Contrast ratio (dynamic)	5000:1
Response time	8 ms
Maximum refresh rate	60 Hz
Touchscreen *	✔
Touch technology	Multi-touch
Number of simultaneous touchpoints	50
Touch system response time	5 ms
Touch object size (min)	2 mm
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Colour gamut	72%
Screen glass thickness	3.2 mm
Handles quantity	1

Computer system	
Operating system installed	Android
Operating system version	14
Built-in processor	✔
Processor architecture	ARM Cortex A73 + ARM Cortex A53
Maximum internal memory	64 GB
RAM capacity	8 GB
Graphics card family	ARM
Graphics card	Mali-G52 MP8

Ports & interfaces	
RGB ports quantity	1
DisplayPorts quantity	1
Ethernet LAN (RJ-45) ports	1
Line-in	✔
OPS slot	1
S/PDIF out port	✔
RS-232 ports	1

Ergonomics	
Product colour	Black
VESA mounting	✔
Panel mounting interface	800 x 600 mm
Wall mountable	✔
Mean time between failures (MTBF)	50000 h
Certification	IEC 62368-1:2018; UL 62368-1:2019

Performance	
Ambient light sensor	✔

Power	
Power consumption (max)	400 W
Power consumption (typical)	235 W
Power consumption (standby)	0.5 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz

System requirements	
Windows operating systems supported	✔
Mac operating systems supported	✔
Linux operating systems supported	✔
Mobile operating systems supported	Android

Operational conditions	
Operating temperature (T-T)	0 - 40 °C
Operating relative humidity (H-H)	10 - 90%

Audio	
Built-in speaker(s) *	✔
Speaker power	40 W
Built-in subwoofer	✔
Subwoofer RMS power	20 W

Projector	
Built-in projector *	✘

Network	
Wi-Fi	✔
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Bluetooth	✔
Bluetooth version	5.3
Wake-on-LAN ready	✔

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	5
USB 2.0 ports quantity	1
USB connector type	Micro-USB A, USB Type-C
HDMI ports quantity	3
USB Type-C ports quantity	2
HDMI output ports quantity	1

Weight & dimensions	
Width *	1957 mm
Depth	99.7 mm
Height *	1170 mm
Weight	54.1 kg
Bezel width (L/T, R/B)	15/25.6/15/43.5

Packaging data	
Package width	2110 mm
Package depth	225 mm
Package height	1291 mm
Package weight	70.7 kg

Packaging content	
Manual	✔
Cables included	HDMI, Power, USB
Remote control included	✔
Quick start guide	✔
Stylus included	✔

Sustainability	
Sustainability certificates	ENERGY STAR, EPEAT, ErP
Compliance certificates	Federal Communications Commission (FCC)

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