

LG LED All-in-One - LAAA009-G3

LAAA009-G3

Key Features

- Pixel Pitch : 0.94 mm
- Screen Size: 163" (Ultra HD)
- Max. Brightness (After Calibration) : 500 nit
- Achieving Deep Black
- Intelligent Processor
- Embedded System Controller and Built-in Speaker



All Spec

INFORMATION

Model name

LAAA009-G3

PHYSICAL PARAMETERS

Pixel Configuration

Micro

Pixel Pitch (mm)

0.94

Module Resolution (WxH)

320x120

Module Dimensions(WxH,mm)

300x112.5

No. of Modules per Screen (WxH)

12x18(Total 216)

Screen Resolution (WxH)

3,840x2,160

Screen Dimensions (W x H x D, mm, including bezel)

3,604x2,078.8x54.9 (Thickest 57.4)

Screen Surface Area (m²)

7.29

Weight of the screen

258.4

Physical Pixel Density (pixels/m²)

1,137,778

Flatness of Cabinet (mm)

±0.2

Cabinet material

Steel

Service access

Front

OPTICAL SPECIFICATIONS

Max. Brightness (After Calibration)

500 / Peak 1,500

Color Temperature

3,200~9,300

Visual Viewing Angle (Horizontal)

160

Visual Viewing Angle (Vertical)

160

Brightness Uniformity(%)

95%

Color Uniformity

±0.015Cx,Cy

Contrast Ratio

Processing Depth (bit)

ELECTRICAL SPECIFICATIONS

Power Consumption (W/Screen, Max.)

1,750

Power Consumption (W/Screen, Avg.)

900

Power Consumption (W/m², Max.)

240

Heat Dissipation (BTU/h/Screen, Max.)

5,971

Heat Dissipation (BTU/h/Screen, Avg.)

3,071

Heat Dissipation (BTU/h/m², Max.)

819

Power Supply (V)

100 to 240

Frame Rate (Hz)

50 / 60

Refresh Rate (Hz)

3840

OPERATION SPECIFICATIONS

LED Lifetime (Half brightness)

100,000

Operating Temperature(°C)

0°C to +40°C

Operating Humidity

10~80%RH

IP rating Front

IP50

IP rating Rear

IP20

STANDARD

Certification

Safety 62368-1 & 60950-1 EMC Class A

ENVIRONMENT

Environment

RoHS

CONTROLLER

Controller

Embedded(webOS)

SPEAKER

Speaker

Built-in(10W+10W)

I/O PORT

I/O Port

HDMI(3), DP(1), USB, LAN, RS232C In/Out, IR, Optical
Digital Audio Out

COMPLIANCE INFORMATION



[UK DoC\(LAAA009-G3\)](#)



[GPSR Safety Information\(LAAA009-G3\)](#)



MORE COMPLIANCE INFORMATION >

- The safety information for accessories is included with the safety information for the product and is not provided separately.