



Optoma FHDC135 COB All-in-One LED Display

Corporate Enterprise | Education | Retail & Hospitality | HOW

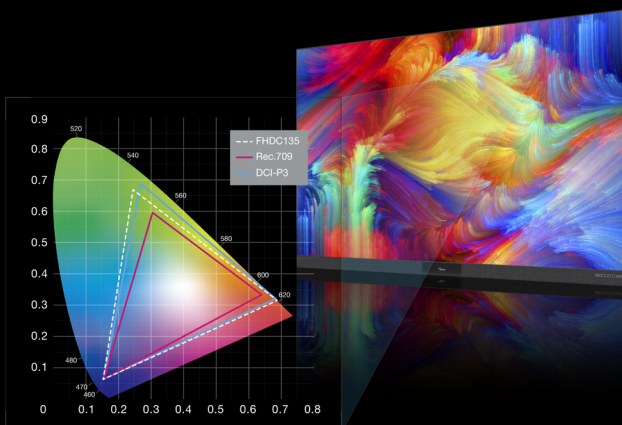


ROBUST COB LED TECHNOLOGY

- **Energy efficient:** Advanced heat dissipation cuts power consumption by 40% compared to standard SMD LED's.
- **Enhanced durability - IP65 certified:** Water, dust, and collision-resistant for reliable, long-lasting performance.
- **Superior viewing:** COB technology minimizes pixilation for a crisp, detailed viewing experience and smooth colour transitions.

COMPLETE SOLUTION IN AN ALL-IN-ONE DISPLAY

- **Versatile installations:** Compatible with both wall & stand mounting options.
- **Pre-assembled LED columns:** Lightweight and slim design for easy transport and setup (just 16.5kg and 31mm thin).
- **Easy front-access maintenance:** Safe and reliable using a magnetic tool that supports quick maintenance work.



FLAWLESS IMAGE PRECISION & A SPECTRUM OF VIBRANT HUES

- **Vivid, lifelike colours with a wider colour gamut:** DCI-P3 over 92% and Rec.709 over 99%, delivering rich and vibrant visuals.
- **High Refresh Rate:** 3840Hz refresh rate ensures smooth motion with reduced screen tearing, flickering and motion blur.
- **High Contrast Ratio:** Exceptional clarity and depth, even in bright environments with 12,000:1 contrast ratio.

ENHANCE YOUR DISPLAY EXPERIENCE WITH OPTOMA SOLUTIONS SUITE® & OPTOMA MANAGEMENT SUITE®



Optoma Solution Suite



Simple to get started



Real-time collaboration



Integrated & synchronized



Effortless & seamless

For Education / Corporate



Whiteboard



DisplayShare



FileManager



Optoma Management Suite



Remote monitoring



Diagnose & analyze



Control & scheduling



Multimedia broadcast

For IT Managers / Service Providers

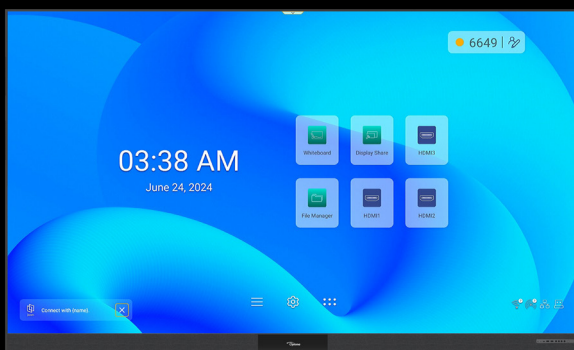
Standard

Advanced

Professional

INTEGRATED SMART FEATURES FOR VERSATILE USE

The FHDC135 seamlessly integrates with Optoma Hyve or Optoma Smart Box.



AC loop out

HDMI

RS232



Smart Box



HDMI

RS232



Optoma Hyve

Optoma Smart Box for enhanced functionality with PIP/PBP, seamless switch, monitor out, splicing, and 4K scaling for flexible functionality. Ideal for lecture and conference rooms, lobbies, and large venues in corporate, enterprise, house of worship and education environments.

Optoma Hyve for centralized control and monitoring through OMS™*, while OSS™ enables wireless display sharing and file management. Ideal for meeting/conference rooms, classrooms, collaborative working.

* Optoma's OMS and OSS software are available exclusively with the purchase of a LED display bundled with either the Optoma Hyve or Smart Box.

**All images in this datasheet are for illustrative purposes only and may differ from the actual product.

Find out more about
OMS OSS info



Product specification

FHDC135

LED Type	Flip Chip COB (Chip on Board)
Pixel Pitch	P1.56
Resolution	1920X1080
Brightness	700 nits
Contrast Ratio	12,000:1
Power Supply	100-240 Vac, 50/60Hz, max 1500W
Refresh Rate	3840Hz
Screen Size	3030 x 1812.5 x 31 mm
Module Size	152.5 x 171.5 mm
LED Module	20 x 10 (total 200)
ME Structure	5 LED columns
Splicing	Yes (with Smart Box and additional frame kits)
Video Ports	HDMI 2.0 *1, HDMI 1.3 *3
Data Ports	USB 3.0 x2, USB-C
Audio Ports	Audio out *2, Audio in *1
Communication Ports	RS232 *1, LAN *1

Operating System	Android 13
Speakers	30W*2 (front); 15W*2 (left); 15W*2 (right)
Package	Wooden case/flight case
Standby	<0.5W
EMEA Limited Warranty LED displays	The Manufacturer's Limited Warranty ("Limited Warranty") for Optoma LED Display Product(s) sold in Europe, Turkey, Middle East, and Africa. Optoma Product(s) sourced outside of these regions are not covered by this Limited Warranty. The standard LED display warranty period is 2 years (24 months). For extended warranty options please speak to your local sales contact.

Accessories

Smart Box

Dimensions	449*333*52mm (LxWxH)
Weight	4.6kg
CPU	Quad-core Cortex®-A53, 1.5GHz
RAM	4G
Storage	32G
Power Supply	AC in / out : 100 – 240 V@ 50/60Hz
Power Consumption (Standby)	<0.5W
Power Consumption (Typ.)	40W
Operating Conditions	Operating temperature: 0°C to 40°C (ambient 25°C) and 5% to 95% non-condensing humidity
I/Os	HDMI Input: 3 ports (HDMI 2.0) HDMI Loop Out: 1 port (HDMI 2.0) HDMI Output: 2 ports (HDMI 2.0) Display Port Input: 1 port (DP 1.2a) SDI: 3G-SDI IN
Features	Wireless Projection: Display Share System Control: OMS Screen Division: PIP/PBP 4K scaling Tiling Function Genlock Function

Optoma Hyve

SOC	Dual-core Cortex-A72 up to 1.8 GHz Quad-core Cortex-A53 up to 1.4 GHz
RAM	4GB
Storage	32GB
I/Os	1x HDMI IN up to 4K 30Hz 1x HDMI OUT up to 4K 60Hz 1x RS232 3.5 mm mini jack 1x RJ45 1000Mbps, with POE 25W 1x USB 3.0 Type-C Not support charging function 1x USB 3.0 Type-A For USB Device Do not support "USB Software Upgrade" via USB flash 2x USB 2.0 Type-A For USB Device
Operating System	Android 10
DC Input	12V/1.5A
Dimensions	135 x 135 x 35 mm
Features	Optoma Solution Suite Optoma Management Suite



Seamless splicing



Heat dissipation



Energy efficient



Powered by Android 13



120W built-in speakers



Front service



Sleek profile



Durable



Find out more about the All-in-One LED solution



Optoma Corporation