



COMMERCIAL DISPLAY

CDE86G3-1C

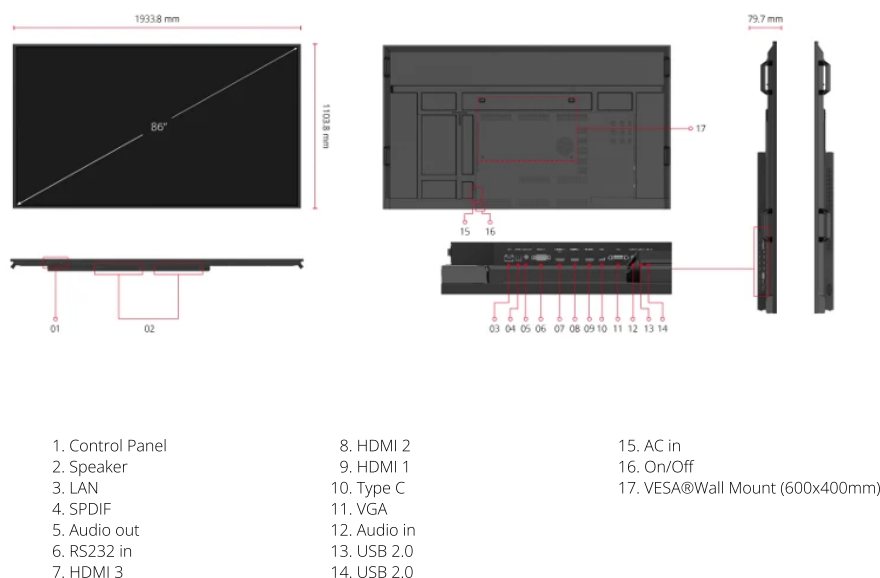
Key Features

- **OS-Free Architecture** minimizes vulnerabilities in secure and sensitive environments.
- **USB-C and HDMI 2.1** connectivity supports easy BYOD use without additional adapters.
- **Fast cold boot and 24/7 operation** ensures instant power-on and nonstop performance.
- **Built-in USB media playback** supports offline content delivery and digital signage.
- **ProAV system integration** enables centralized control.



Product Description

The ViewSonic CDEG3-1C Series is an OS-free commercial display designed for secure, round-the-clock operation in mission-critical environments across corporate, government, healthcare, and higher education sectors. By eliminating pre-installed apps and background services, it reduces software attack surface while supporting fast boot times and simplified IT management. With native 4K UHD resolution in both landscape and portrait orientation, 500-nit brightness, and built-in USB media playback, this secure signage solution ensures clear visibility for announcements and digital displays in high-traffic environments. It also features extended connectivity options including USB-C, HDMI 2.1, LAN, and RS-232, making it well-suited for BYOD meetings and video conferencing. To further streamline remote device management, the commercial-grade display integrates with leading ProAV control systems. Certified EPEAT® Gold, CDEG3-1C Series digital displays offer a low-maintenance, sustainable solution that balances security, performance, and operational efficiency for any mission-critical space.



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DISPLAY

Panel Size:	86"
Type/ Tech:	TFT LCD module with DLED backlight
Display Area (mm):	1895.04(H) x 1065.96(V) (85.6" diagonal)
Native Resolution:	3840 x 2160
Aspect Ratio:	16:9
Colors:	8bit+FRC
Brightness:	500 nits (typ.)
Contrast Ratio:	1200:1
Response Time:	8ms
Viewing Angles:	H = 178, V = 178 typ.
Backlight Life:	50,000 Hours
Surface Treatment:	Hardness: 3H, Anti-glare coating, Haze 25%
Bezel:	15.9/15.9/15.9/15.9 mm (L/R/T/B)
Orientation:	Landscape & Portrait

INPUT

HDMI:	*3 (all support HDMI-CEC & HDCP1.4/2.2, HDMI 2.1 4K @ 60Hz, only HDMI 3 port support ARC) (Support YUV444/420)
RGB / VGA:	VGA IN *1 (1080p@60Hz)
Audio:	PC AUDIO IN *1 (3.5mm)
RS-232:	x 1

OUTPUT

Audio:	3.5mm x1
SPDIF:	x 1

LAN

RJ45:	x 1 (Support WOL)
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USB

Type A:	*2 (for system update & media playback)
Type C:	*1 (with DP1.2/HDCP1.4/2.2 + Data2.0)

SPEAKERS

10W x 2

POWER

Voltage:	100-240VAC +/- 10%
Consumption:	138.3W with Energy Star

ERGONOMICS

Wall Mount (VESA®):	600x400 mm
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OPERATING CONDITIONS

Temperature (° C):	0 to 40°C (with Automatic Overheat Shutdown)
Humidity:	20% ~ 80% RH non-condensing

OPERATING HOURS

24/7

DIMENSIONS (W X H X D)

Physical (inch / mm):	1933.8 (W) x 1103.8 (H) x 79.7 mm(D) / 76.13 "(W) x 43.46 " (H) x 3.14 "(D)
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WEIGHT

Net (lb / kg):	86.97 lb / 39.45 kg
Gross (lb / kg):	118.61 lb / 53.8 kg

REGULATIONS

1. US NRTL with CA (TÜV SÜD) 2. FCC / ICES-003 3. Energy Star 8.0 4. EPEAT Gold 5. CE EMC 6. IEC62368 7. RoHS 8. ErP Directive 9. REACH SVHC List & DoC 10. Energy Efficiency Label 11. WEEE 12. SCIP 13. Annex I 14. Annex II 15. TPCH DoC 16. EU Packaging and Packaging Waste Directive 17. CA Prop 65 DoC 18. ISTA Certification
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PACKAGE CONTENTS

1. 3 M power cord by ship area
2. Remote control
3. AAA battery x 2
4. Quick Start Guide
5. RS232 adapter
6. Clamp x 5
7. Screw x 4
8. HDMI cable 3 M (HDMI LA certified)
9. Compliance statement