

# ViewSonic® COMMERCIAL DISPLAY

## CDE86G3-1C

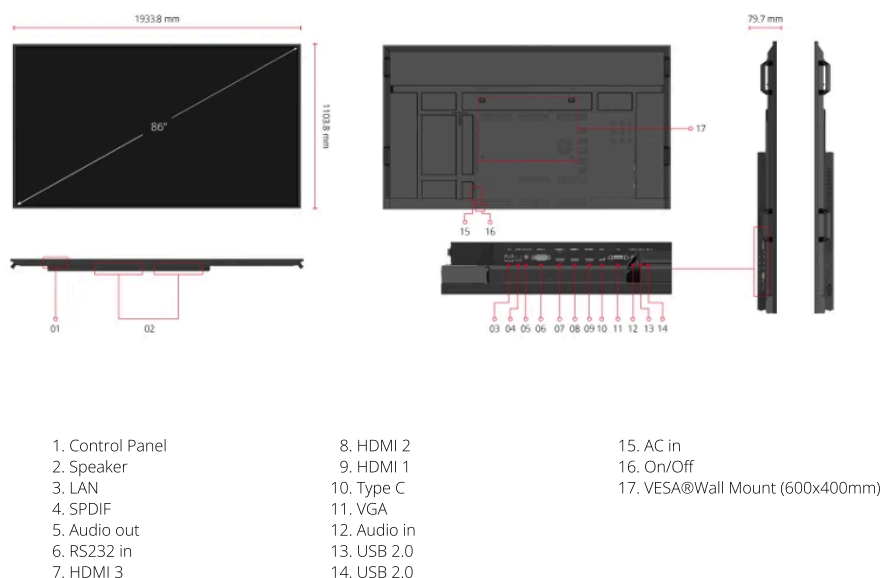
### Key Features

- **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 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 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)<br>(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) |
|-------|-------------------|

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 |
|----------------------|------------|

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) |
|-----------------------|----------------------------------------------------------------------------|

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. TPCD DoC 16. EU Packaging and Packaging Waste Directive 17. CA Prop 65 DoC 18. ISTA Certification |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

PACKAGE CONTENTS

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