

# Product Specification



Product Type: CN27 Series

Model: CN2712

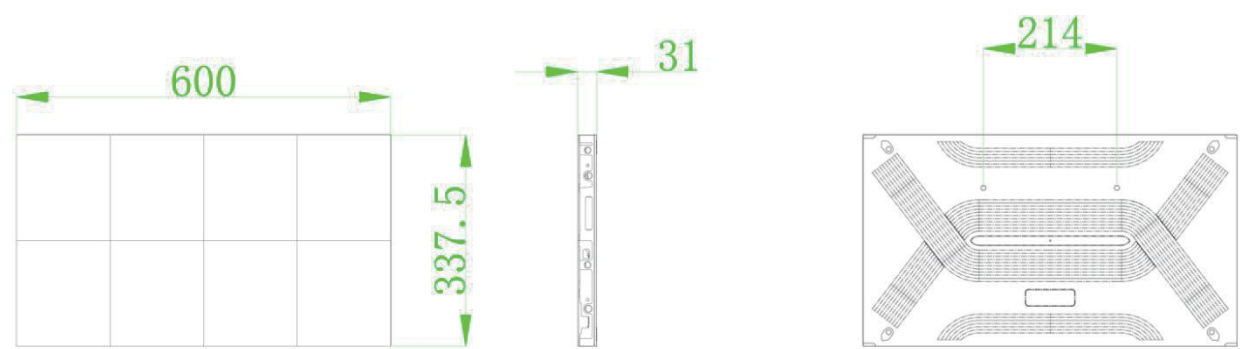
## Product Features

- ◆ COB integrated packaging with high protection;
- ◆ RGB inverted chip for stability and reliability;
- ◆ High contrast, wide viewing angle, and exceptional display performance;
- ◆ Uniform screen surface illumination with soft light source, effectively suppressing moire patterns;
- ◆ PWM constant current drive chips for low power consumption;
- ◆ High refresh rate, which can reach 3840 Hz;
- ◆ Front maintenance installation with hard-connected LED panel for easy installation and disassembly;
- ◆ One-piece die-cast aluminum cabinet combined with high-precision processing ensures assembly flatness;
- ◆ 16:9 aspect ratio design of cabinet for free assembly into standard 2K/4K/8K resolutions;
- ◆ Stable quality, complete high-end testing equipment, rigorous testing process, standard production technology, and strict quality control.

| Product Parameter                          |                    |
|--------------------------------------------|--------------------|
| Physical Parameter                         |                    |
| Pixel Composition                          | 1R1G1B(Flip chip)  |
| Pixel Pitch (mm)                           | 1.25               |
| Module Resolution (dots)                   | 120×135            |
| Cabinet Resolution (dots)                  | 480×270            |
| Pixel Density (dots / m <sup>2</sup> )     | 640000             |
| Module Size (L*W) / (mm)                   | 150×168.75         |
| Cabinet Size (L*W*H) / (mm)                | 600×337.5×31       |
| Cabinet Material                           | Magnesium Aluminum |
| Cabinet Module Arrangement (W*H)           | 4×2                |
| Cabinet Weight (Single Cabinet/ kg)        | 3.8±0.1            |
| Optical Parameter                          |                    |
| Color Processing Depth (Bit)               | 13                 |
| Contrast                                   | 15000:1            |
| Refresh Rate Frequency (Hz)                | 3840               |
| Drive Mode                                 | 60                 |
| White Balance Brightness (nit)             | 800                |
| Viewing Angle ( H/V °)                     | 165/165            |
| Electrical Parameter                       |                    |
| AC Input Voltage (V)                       | AC100~220          |
| AC Input Frequency (Hz)                    | 60                 |
| Cabinet Maximum Power Consumption (W/Unit) | 69                 |
| Cabinet Average Power Consumption (W/Unit) | 21                 |

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|                                    |                         |
|------------------------------------|-------------------------|
| Maximum Power Consumption (W/ m² ) | 339                     |
| Average Power Consumption (W/ m² ) | 110                     |
| Operation Environment Parameter    |                         |
| Storage Temperature (°C)           | -10~60                  |
| Working Temperature (°C)           | -10~40                  |
| Storage Humidity (RH)              | 10%~85% No Condensation |
| Working Humidity (RH)              | 10%~80% No Condensation |
| Maintenance Mode                   | Full front maintenance  |
| product dimensions                 |                         |



- Note:**
1. The content of this specification may be adjusted and revised in real time without prior notice to provide as accurate specification parameters as possible
  2. This product is an indoor product. It is strictly prohibited to use it in direct sunlight
  3. In order to ensure long-term and more uniform display effect, do not play fixed images for a long time

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