

# ViewSonic® LCD DISPLAY VX2780J-2K

## Key Features

- AMD FreeSync™ Premium for smooth gameplay
- 170Hz refresh rate for smooth gameplay
- Rapid 1ms MPRT for crisp image
- IPS Display with HDR10
- 2KQHD resolution for incredible detail



## Product Description

With an immersive 170Hz refresh rate, the ViewSonic VX2780J-2K provides a stunning viewing experience. The monitor has been a high 170Hz refresh rate delivers smooth animations with minimal input lag while variable refresh rate prevents screen tearing and stuttering for a fluid gaming experience. With 1ms MPRT response time, the monitor delivers unprecedented screen quality and speed. VX2780J-2K is also equipped with ViewSonic's exclusive ViewMode™ presets, which offer optimized screen performance for different home entertainment applications, such as watching movies, editing, or playing video games. In addition, a DisplayPort and two HDMI inputs offer flexible connectivity for both general use and entertainment.

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**DISPLAY**

|                                   |  |
|-----------------------------------|--|
| Display Size (in.):               | 27   |
| Viewable Area (in.):              | 27   |
| Panel Type:                       | IPS Technology   |
| Resolution:                       | 2560 x 1440  |
| Resolution Type:                  | QHD (Quad HD)  |
| Static Contrast Ratio:            | 1,000:1 (typ)  |
| Dynamic Contrast Ratio:           | 80M:1  |
| Light Source:                     | LED  |
| Brightness:                       | 350 cd/m <sup>2</sup> (typ)  |
| Colors:                           | 1.07B  |
| Color Space Support:              | 10 bit (8 bit + FRC)   |
| Aspect Ratio:                     | 16:9   |
| Response Time (MPRT):             | 1ms  |
| Viewing Angles:                   | 178° horizontal, 178° vertical   |
| Backlight Life (Hours):           | 30000 Hrs (Min)  |
| Curvature:                        | Flat   |
| Refresh Rate (Hz):                | 170  |
| Variable Refresh Rate Technology: | FreeSync Premium   |
| Blue Light Filter:                | Yes  |
| Flicker-Free:                     | Yes  |
| Color Gamut:                      | DCI-P3: 95% size (Typ)<br>NTSC: 93% size (Typ)<br>sRGB: 131% size / 99% coverage (Typ) |
| Pixel Size:                       | 0.233 mm (H) x 0.233 mm (V)  |
| Surface Treatment:                | Anti-Glare, Hard Coating (3H)  |

**COMPATIBILITY**

|                        |                                       |
|------------------------|---------------------------------------|
| PC Resolution (max):   | 2560x1440                             |
| Mac® Resolution (max): | 2560x1440                             |
| PC Operating System:   | Windows 10/11 certified; macOS tested |
| Mac® Resolution (min): | 2560x1440                             |

**CONNECTOR**

|                           |                                |
|---------------------------|--------------------------------|
| 3.5mm Audio Out:          | 1                              |
| HDMI 2.0 (with HDCP 2.2): | 2                              |
| DisplayPort:              | 1                              |
| Power in:                 | 3-pin Socket (IEC C14 / CEE22) |

**POWER**

|                        |                       |
|------------------------|-----------------------|
| Eco Mode (Conserve):   | 22W                   |
| Eco Mode (optimized):  | 25W                   |
| Consumption (typical): | 31W                   |
| Consumption (max):     | 33W                   |
| Voltage:               | AC 100-240V           |
| Stand-by:              | 0.5W                  |
| Power Supply:          | Internal Power Supply |

**ADDITIONAL HARDWARE**

|                       |     |
|-----------------------|-----|
| Kensington Lock Slot: | 1   |
| Cable Organization:   | Yes |

**CONTROLS**

|                    |   |
|--------------------|---|
| Physical Controls: | Key 1 (favorite), Key 2, Key 3, Key 4, Key 5 (power)                                |
| On Screen Display: | Input Select, Audio Adjust, ViewMode, Color Adjust, Manual Image Adjust, Setup Menu |

**OPERATING CONDITIONS**

|                            |                             |
|----------------------------|-----------------------------|
| Temperature:               | 32°F to 104°F (0°C to 40°C) |
| Humidity (non-condensing): | 20% to 90%                  |

**WALL MOUNT**

|                  |              |
|------------------|--------------|
| VESA Compatible: | 100 x 100 mm |
|------------------|--------------|

**INPUT SIGNAL**

|                       |  |
|-----------------------|--|
| Frequency Horizontal: | HDMI (v2.0): 24 ~ 222KHz,<br>DisplayPort (v1.4): 30 ~ 250KHz |
| Frequency Vertical:   | HDMI (v2.0): 48 ~ 144Hz, DisplayPort (v1.4): 48 ~ 170Hz      |

**VIDEO INPUT**

|               |  |
|---------------|--|
| Digital Sync: | TMDs - HDMI (v2.0), PCI-E - DisplayPort (v1.4) |
|---------------|--|

**ERGONOMICS**

|                      |           |
|----------------------|-----------|
| Height Adjust (mm):  | 130       |
| Swivel:              | 90°       |
| Tilt (Forward/Back): | -3° / 20° |
| Pivot (Right/Left):  | 90° / 90° |

**WEIGHT (IMPERIAL)**

|                          |      |
|--------------------------|------|
| Net (lbs):               | 14   |
| Net Without Stand (lbs): | 9.8  |
| Gross (lbs):             | 18.3 |

**WEIGHT (METRIC)**

|                         |     |
|-------------------------|-----|
| Net (kg):               | 6.4 |
| Net Without Stand (kg): | 4.4 |
| Gross (kg):             | 8.3 |

**DIMENSIONS (IMPERIAL) (WXHXD)**

|                               |                       |
|-------------------------------|-----------------------|
| Packaging (in.):              | 33.3 x 18.7 x 6.3     |
| Physical (in.):               | 24.3 x 16.58~21.7 x 9 |
| Physical Without Stand (in.): | 24.3 x 14.4 x 1.9     |

**DIMENSIONS (METRIC) (WXHXD)**

|                              |                           |
|------------------------------|---------------------------|
| Packaging (mm):              | 846 x 475 x 161           |
| Physical (mm):               | 617 x 421.24~551.23 x 228 |
| Physical Without Stand (mm): | 617 x 366 x 48            |

**GENERAL**

|                   |  |
|-------------------|--|
| Regulations:      | CE, CE EMC, CB, RoHS, ErP, REACH, WEEE, EAC, UkrSEPRO, UKCA  |
| PACKAGE CONTENTS: | VX2780J-2K x1, 3-pin Plug (IEC C13 / CEE22) x1, DisplayPort Cable (v1.2; Male-Male) x1, Quick Start Guide x1 |
| Recycle/Disposal: | Please dispose of in accordance with local, state or federal laws.   |
| Warranty:         | *Warranty offered may differ from market to market   |