

# Philips Brilliance 27E3U7903/00, 68.6 cm (27"), 5120 x 2880 pixels, 5K Ultra HD, LCD, 4 ms, Grey

Brilliance 27E3U7903 5K monitor

|                       |               |
|-----------------------|---------------|
| Group                 | Flat Screens  |
| Manufacturer          | Philips       |
| Manufacturer item no. | 27E3U7903/00  |
| EAN/UPC               | 8721038002928 |



## Description

Offered in several hues, this 5K 27-inch monitor is not only meant to be a centerpiece for your home, but also has Thunderbolt™ 4 compatibility, automatic screen calibration through Calman Ready, and HDR 600 certification.

## Main features

|                           | General               |
|---------------------------|-----------------------|
| Display diagonal          | 68.6 cm               |
| Display resolution        | 5120 x 2880 pixels    |
| HD type                   | 5K Ultra HD           |
| Display technology        | LCD                   |
| Response time             | 4 ms                  |
| Native aspect ratio       | 16:9                  |
| Viewing angle, horizontal | 178 °                 |
| Viewing angle, vertical   | 178 °                 |
| Built-in speaker(s)       | Yes                   |
| Built-in USB hub          | Yes                   |
| USB hub version           | 3.2 Gen 2 (3.1 Gen 2) |
| VESA mounting             | Yes                   |
| Height adjustment         | Yes                   |
| Product colour            | Grey                  |

## Extended details

|                     | Display            |
|---------------------|--------------------|
| Display diagonal    | 68.6 cm            |
| Display resolution  | 5120 x 2880 pixels |
| Native aspect ratio | 16:9               |
| Display technology  | LCD                |

|                                       |                                         |
|---------------------------------------|-----------------------------------------|
| Touchscreen                           | No                                      |
| HD type                               | 5K Ultra HD                             |
| Panel type                            | IPS                                     |
| Display brightness (typical)          | 500 cd/m <sup>2</sup>                   |
| Response time                         | 4 ms                                    |
| Response time measurement type        | GTG (Gray to Gray)                      |
| Anti-glare screen                     | Yes                                     |
| Screen shape                          | Flat                                    |
| Contrast ratio (typical)              | 2000:1                                  |
| Contrast ratio (dynamic)              | 80000000:1                              |
| Dynamic contrast ratio marketing name | SmartContrast                           |
| Maximum refresh rate                  | 70 Hz                                   |
| Viewing angle, horizontal             | 178 °                                   |
| Viewing angle, vertical               | 178 °                                   |
| Display number of colours             | 1.07 billion colours                    |
| Pixel pitch                           | 0.117 x 0.117 mm                        |
| Pixel density                         | 218 ppi                                 |
| Horizontal scan range                 | 30 - 210 kHz                            |
| Vertical scan range                   | 60 - 70 Hz                              |
| Viewable size, horizontal             | 59.7 cm                                 |
| Viewable size, vertical               | 33.6 cm                                 |
| Display diagonal (metric)             | 68.5 cm                                 |
| High Dynamic Range (HDR) supported    | Yes                                     |
| High Dynamic Range (HDR) technology   | DisplayHDR 600                          |
| DDC/CI                                | Yes                                     |
| Haze rate                             | 7 %                                     |
| Surface hardness                      | 7H                                      |
| Colour depth                          | 8 bit                                   |
| Colour gamut standard                 | Adobe RGB, DCI-P3, NTSC, Rec. 709, sRGB |
| sRGB coverage (typical)               | 99 %                                    |
| NTSC coverage (typical)               | 130 %                                   |
| Adobe RGB coverage                    | 130 %                                   |
| DCI-P3 coverage                       | 99 %                                    |
| Display sRGB                          | Yes                                     |
| <b>Ports &amp; interfaces</b>         |                                         |

|                                              |                       |
|----------------------------------------------|-----------------------|
| Built-in USB hub                             | Yes                   |
| USB hub version                              | 3.2 Gen 2 (3.1 Gen 2) |
| USB upstream port type                       | USB Type-C            |
| Number of USB Type-C upstream ports quantity | 1                     |
| USB Type-A downstream ports quantity         | 2                     |
| USB Type-C downstream ports quantity         | 1                     |
| USB Power Delivery (USB PD)                  | Yes                   |
| USB Power Delivery up to                     | 96 W                  |
| HDMI                                         | Yes                   |
| HDMI ports quantity                          | 1                     |
| HDMI version                                 | 2.1                   |
| Thunderbolt 4 ports quantity                 | 1                     |
| Headphone out                                | Yes                   |
| Built-in KVM switch                          | Yes                   |
| HDCP                                         | Yes                   |
| HDCP version                                 | 2.1                   |
|                                              | <b>Design</b>         |
| Market positioning                           | Home                  |
| Product colour                               | Grey                  |
|                                              | <b>Multimedia</b>     |
| Built-in speaker(s)                          | Yes                   |
| Number of speakers                           | 2                     |
| RMS rated power                              | 10 W                  |
| Built-in camera                              | Yes                   |
| Megapixel (approx.)                          | 5 MP                  |
| Built-in microphone                          | Yes                   |
|                                              | <b>Ergonomics</b>     |
| VESA mounting                                | Yes                   |
| Panel mounting interface                     | 100 x 100 mm          |
| Cable lock slot                              | Yes                   |
| Cable lock slot type                         | Kensington            |
| Height adjustment                            | Yes                   |
| Adjustable height (max)                      | 15 cm                 |
| Pivot                                        | Yes                   |
| Pivot angle                                  | -90 - 90 °            |
| Swivelling                                   | Yes                   |

|                                   |                                                                                                                                                                                                         |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Swivel angle range                | -360 - 360 °                                                                                                                                                                                            |
| Tilt adjustment                   | Yes                                                                                                                                                                                                     |
| Tilt angle range                  | -5 - 20 °                                                                                                                                                                                               |
| On Screen Display (OSD)           | Yes                                                                                                                                                                                                     |
| On Screen Display (OSD) languages | Simplified Chinese, Traditional Chinese, Czech, German, Dutch, English, Spanish, Finnish, French, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Swedish, Turkish, Ukrainian |
| Number of OSD languages           | 21                                                                                                                                                                                                      |
| Plug and Play                     | Yes                                                                                                                                                                                                     |
| LED indicators                    | Operation, Stand-by                                                                                                                                                                                     |
| <b>Performance</b>                |                                                                                                                                                                                                         |
| Component video sync              | Separate sync                                                                                                                                                                                           |
| Flicker-free technology           | Yes                                                                                                                                                                                                     |
| Low Blue Light technology         | Yes                                                                                                                                                                                                     |
| <b>Other features</b>             |                                                                                                                                                                                                         |
| Low input lag                     | Yes                                                                                                                                                                                                     |
| Picture-by-Picture (PbP)          | Yes                                                                                                                                                                                                     |
| Exterior finish type              | Textured                                                                                                                                                                                                |
| Recyclable packaging material     | 100 %                                                                                                                                                                                                   |
| EasyRead mode                     | Yes                                                                                                                                                                                                     |
| LowBlue mode                      | Yes                                                                                                                                                                                                     |
| Compliance certificates           | RoHS                                                                                                                                                                                                    |
| Mean time between failures (MTBF) | 50000 h                                                                                                                                                                                                 |
| Picture enhancement               | SmartImage Premium                                                                                                                                                                                      |
| Regulatory Approvals              | CB, CE mark, EPA, CEC, TUV/ISO9241-307, TUV-BAUART, EAC, EAC ROHS, CEL, CCC, CECP, UKCA, EMF, FCC                                                                                                       |
| Delta E                           | 2                                                                                                                                                                                                       |
| <b>Weight &amp; dimensions</b>    |                                                                                                                                                                                                         |
| Width (with stand)                | 624 mm                                                                                                                                                                                                  |
| Depth (with stand)                | 176 mm                                                                                                                                                                                                  |
| Height (with stand)               | 566 mm                                                                                                                                                                                                  |
| Weight (with stand)               | 8.1 kg                                                                                                                                                                                                  |
| Width (without stand)             | 624 mm                                                                                                                                                                                                  |
| Depth (without stand)             | 28 mm                                                                                                                                                                                                   |
| Height (without stand)            | 391 mm                                                                                                                                                                                                  |
| Weight (without stand)            | 6.3 kg                                                                                                                                                                                                  |
| <b>Packaging data</b>             |                                                                                                                                                                                                         |
| Package width                     | 780 mm                                                                                                                                                                                                  |

|                                                             |                |
|-------------------------------------------------------------|----------------|
| Package depth                                               | 139 mm         |
| Package height                                              | 480 mm         |
| Package weight                                              | 11.9 kg        |
| <b>Power</b>                                                |                |
| Energy efficiency class (SDR)                               | F              |
| Energy efficiency class (HDR)                               | G              |
| Energy consumption (SDR) per 1000 hours                     | 25 kWh         |
| Energy consumption (HDR) per 1000 hours                     | 50 kWh         |
| Power consumption (typical)                                 | 42.46 W        |
| Power consumption (standby)                                 | 0.5 W          |
| Power consumption (off)                                     | 0.3 W          |
| AC input voltage                                            | 100 - 240 V    |
| AC input frequency                                          | 50/60 Hz       |
| Power supply type                                           | Internal       |
| Energy efficiency scale                                     | A to G         |
| European Product Registry for Energy Labelling (EPREL) code | 2318991        |
| <b>Network</b>                                              |                |
| Ethernet LAN                                                | Yes            |
| <b>Operational conditions</b>                               |                |
| Operating temperature (T-T)                                 | 0 - 40 °C      |
| Storage temperature (T-T)                                   | -20 - 60 °C    |
| Operating relative humidity (H-H)                           | 20 - 80 %      |
| Operating altitude                                          | 0 - 3658 m     |
| Non-operating altitude                                      | 3658 - 12192 m |
| <b>Sustainability</b>                                       |                |
| Doesn't contain                                             | PVC/BFR        |