

# Sony VPL-FHZ85 - 3LCD projector - standard lens - LAN



27-05-2024

|                      |                                                       |
|----------------------|-------------------------------------------------------|
| SKU                  | VPL-FHZ85/B                                           |
| Product Description: | Sony VPL-FHZ85 - 3LCD projector - standard lens - LAN |
| Device Type:         | 3LCD projector - 1080p                                |
| Brightness:          | 8000 lumens                                           |
| Contrast Ratio:      | ∞:1                                                   |
| Resolution:          | WUXGA (1920 x 1200)                                   |
| Native Aspect Ratio: | 16:10                                                 |
| Lens:                | Standard lens                                         |

## General

|              |                        |
|--------------|------------------------|
| Device Type: | 3LCD projector - 1080p |
| Networking:  | Ethernet               |

## Projector

|                       |             |
|-----------------------|-------------|
| Brightness:           | 8000 lumens |
| Brightness (Reduced): | 5840 lumens |

|                 |     |
|-----------------|-----|
| Contrast Ratio: | ∞:1 |
|-----------------|-----|

|             |                  |
|-------------|------------------|
| Image Size: | 102 cm - 1524 cm |
|-------------|------------------|

|              |               |
|--------------|---------------|
| Throw Ratio: | 1.39 - 2.23:1 |
|--------------|---------------|

|             |                             |
|-------------|-----------------------------|
| Resolution: | WUXGA - WUXGA (1920 x 1200) |
|-------------|-----------------------------|

|                      |       |
|----------------------|-------|
| Native Aspect Ratio: | 16:10 |
|----------------------|-------|

|                 |                                    |
|-----------------|------------------------------------|
| Display Format: | 6,912,000 pixels (1920 x 1200) x 3 |
|-----------------|------------------------------------|

|                        |                |
|------------------------|----------------|
| Max Sync Rate (V x H): | 93 Hz x 63 kHz |
|------------------------|----------------|

|            |             |
|------------|-------------|
| Bulb type: | Laser diode |
|------------|-------------|

|                  |                     |
|------------------|---------------------|
| Bulb life cycle: | Up to 20000 hour(s) |
|------------------|---------------------|

|                         |                                                                               |
|-------------------------|-------------------------------------------------------------------------------|
| Controls & Adjustments: | Keystone correction, lens shift dial (horizontal), lens shift dial (vertical) |
|-------------------------|-------------------------------------------------------------------------------|

|           |                                                                                                                                                |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Features: | High-bandwidth Digital Content Protection System (HDCP), BrightEra, Cloning Function, Reality Creation, auto power on, Z-Phosphor light source |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------|

## Environmental Parameters

|                            |      |
|----------------------------|------|
| Min Operating Temperature: | 0 °C |
|----------------------------|------|

|                            |       |
|----------------------------|-------|
| Max Operating Temperature: | 45 °C |
|----------------------------|-------|

|                           |                           |
|---------------------------|---------------------------|
| Humidity Range Operating: | 20 - 80% (non-condensing) |
|---------------------------|---------------------------|

|                 |       |
|-----------------|-------|
| Sound Emission: | 38 dB |
|-----------------|-------|

## Dimensions & Weight

|        |       |
|--------|-------|
| Width: | 46 cm |
|--------|-------|

|        |         |
|--------|---------|
| Depth: | 49.4 cm |
|--------|---------|

|         |         |
|---------|---------|
| Height: | 16.9 cm |
|---------|---------|

|         |       |
|---------|-------|
| Weight: | 13 kg |
|---------|-------|

## Power

|               |    |
|---------------|----|
| Power Source: | AC |
|---------------|----|

|                   |                         |
|-------------------|-------------------------|
| Voltage Required: | AC 100-240 V (50/60 Hz) |
|-------------------|-------------------------|

|                                |          |
|--------------------------------|----------|
| Power Consumption Operational: | 506 Watt |
|--------------------------------|----------|

|                             |          |
|-----------------------------|----------|
| Power Consumption Stand by: | 0.5 Watt |
|-----------------------------|----------|

## Expansion / Connectivity

Lens

|                                 |                      |
|---------------------------------|----------------------|
| Type:                           | Standard lens        |
| Focus Type:                     | Powered              |
| Zoom Type:                      | Powered              |
| Zoom Factor:                    | 1.6x                 |
| Keystone Correction Direction:  | Horizontal, vertical |
| Vertical Keystone Correction:   | -30 / +30            |
| Horizontal Keystone Correction: | -30 / +30            |
| Lens Shift Type:                | Powered              |
| Lens Shift Direction:           | Horizontal, vertical |
| Vertical Lens Shift:            | 5% / 70%             |
| Horizontal Lens Shift:          | 32% / 32%            |

Expansion / Connectivity

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Interfaces: | 1 x RGB input - 15 pin HD D-Sub (HD-15) ; 1 x audio line-in - mini-phone stereo 3.5 mm ; 1 x DVI-D input - DVI-D ; 1 x HDMI input - 19 pin HDMI Type A ; 1 x HDBaseT - RJ-45 ; 1 x composite video input - BNC ; 1 x VGA output - 15 pin D-Sub (DB-15) ; 1 x audio line-out - mini-phone stereo 3.5 mm ; 1 x DVI-D output - 24+1 pin digital DVI ; 1 x serial RS-232C - 9 pin D-Sub (DB-9) ; 1 x network - RJ-45 ; 1 x remote control - mini-phone stereo 3.5 mm ; USB |
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

Video Input

|                                                |                                                                                                                                                                              |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TV System:                                     | NTSC, SECAM, PAL                                                                                                                                                             |
| Video Interfaces:                              | HDMI, DVI, RGB, HDBaseT                                                                                                                                                      |
| Video Modes:                                   | 1080/60i, 480/60p, 720/60p, 1080/50i, 720/50p, 576/50p, 1080/50p, 1080/60p, 480/60i, 576/50i, 3840/25p, 3840/24p, 3840/30p, 3840/60p, 4096/24p, 4096/60p, 4096/30p, 4096/25p |
| LAN and Wireless Image Transferring Protocols: | Wired LAN                                                                                                                                                                    |
| DVI-D with HDCP Input:                         | Yes                                                                                                                                                                          |

