HP

HP DreamColor Z31x computer monitor 79 cm (31.1") 4096 x 2160 pixels 4K Ultra HD LED Black

Brand : HP　　　　**Product family:** DreamColor　　**Product code:** Z4Y82A4

Product name : Z31x

- Experience theater-quality color from HP's most precise display yet featuring HP DreamColor Technology, winner of the 2015 Scientific and Engineering Award from the Academy of Motion Picture Arts and Sciences.[1]
- Maintain accurate color with a pop-up sensor that calibrates on demand or on a regular schedule. No longer wonder if your color is correct-it just is.
- HP worked with leading visual effects studios to create customized solutions for the optimal design process, such as True 2K and keyboard-based input switching between your devices.
DreamColor Z31x Studio Display

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A visionary display
Designed for the world's elite color professionals, the award-winning HP DreamColor Technology brings the industry's boldest visions to life. Captivate with Cinema 4K resolution, an expansive color gamut for remarkably vivid colors, integrated colorimeter and custom-tailored management tools.

Display

Display diagonal *	79 cm (31.1")
Display resolution *	4096 x 2160 pixels
HD type *	4K Ultra HD
Native aspect ratio *	17:9
Display technology *	LED
Panel type *	IPS
Touchscreen *	✖
Display brightness (typical)	250 cd/m²
Response time	20 ms
Screen shape *	Flat
Supported graphics resolutions	640 x 480 (VGA), 720 x 400, 800 x 600 (SVGA), 1024 x 768 (XGA), 1280 x 1024 (SXGA), 1280 x 720 (HD 720), 1366 x 768, 1920 x 1080 (HD 1080), 2048 x 1080, 2560 x 1440, 3840 x 2160, 4096 x 2160
Contrast ratio (typical) *	1500:1
Maximum refresh rate *	60 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	1.073 billion colours
Pixel pitch	0.1704 x 0.1704 mm
Horizontal scan range	30 - 135 kHz
Vertical scan range	24 - 60 Hz
3D	✖

Performance

NVIDIA G-SYNC *	✖
AMD FreeSync *	✖
HP segment	Business

Multimedia

Built-in speaker(s) *	✖
Built-in camera *	✖

Ergonomics

Swivel angle range	-45 - 45°
Tilt adjustment	✔
Tilt angle range	-5 - 30°
Picture-in-Picture	✔
On Screen Display (OSD) languages	Simplified Chinese, Traditional Chinese, German, Dutch, English, Spanish, French, Italian, Japanese, Portuguese
Number of OSD languages	10
Plug and Play	✔

Power

Power consumption (typical) *	120 W
Power consumption (standby) *	0.5 W
Power consumption (max)	260 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Energy efficiency scale	A++ to E

Operational conditions

Operating temperature (T-T)	5 - 35 °C
Storage temperature (T-T)	-20 - 60 °C
Operating relative humidity (H-H)	20 - 80%
Storage relative humidity (H-H)	5 - 95%

Packaging content

Cables included	AC, DisplayPort, HDMI, USB Type-A to USB Type-B, USB Type-C, USB Type-C to USB Type-A

Weight & dimensions

Width (with stand)	738 mm
Depth (with stand)	248 mm
Height (with stand)	566 mm
Weight (with stand)	15 kg
Width (without stand)	738 mm
Depth (without stand)	82.6 mm

Design

Market positioning *	Business
Product colour *	Black
Country of origin	China

Ports & interfaces

Built-in USB hub *	✔
USB hub version	3.2 Gen 1 (3.1 Gen 1)
USB upstream port type	USB Type-B
Number of upstream ports	1
USB Type-A downstream ports quantity	4
DVI port	✘
HDMI ports quantity	2
DisplayPorts quantity	2
Audio output	✔
HDCP	✔
Charging port type	USB Type-C

Ergonomics

VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Cable lock slot *	✔
Height adjustment *	✔
Height adjustment	11.7 cm
Swivelling	✔

Weight & dimensions

Height (without stand)	414.1 mm
Weight (without stand)	9.9 kg

Packaging data

Package width	888 mm
Package depth	388 mm
Package height	536 mm
Package weight	12.4 kg

Sustainability

European Product Registry for Energy Labelling (EPREL) code	356634

Logistics data

Harmonized System (HS) code	85285210

Thin Client

Thin client installed	✘

Other features

Display	LED
On/off switch	✔
TV tuner integrated	✘
Energy efficiency class (old)	D
Ethernet LAN (RJ-45) ports	1

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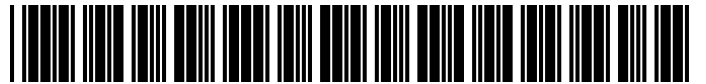
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