



The FlexScan EV2730Q is a full widescreen monitor and features a unique resolution of 1920 × 1920 pixels. It offers users 78% more pixels than a standard widescreen monitor offering 1920 × 1080 pixels. The extra vertical space on the perfectly square screen is ideal for displaying large amounts of information in wide windows. Users do not need to scroll as much, which means that data are displayed more efficiently. The monitor is therefore perfect for working with CAD or software development applications as the screen can display more information in comparison with conventional devices. The anti-glare IPS display ensures a large viewing angle so that the monitor can be optimally viewed from every angle without any annoying reflections. The ergonomic stand with height adjustment and tilt and rotate functions allows flexible positioning and greater ease of use.

- ◆ 26.5" monitor with a large square display (1:1) and fine resolution
- ◆ IPS LCD and backlight with LED technology
- ◆ Contrast 1000:1, brightness 300 cd/m², 178° viewing angle
- ◆ 5 ms grey-grey changeover pixel clock thanks to overdrive function
- ◆ Auto EcoView, EcoView Index, EcoView Sense and EcoView Optimizer for maximum power savings and superb ergonomics
- ◆ USB hub with one upstream and two downstream ports
- ◆ DisplayPort and DVI-D inputs



EIZO EV2730Q

Features

Outstanding image quality

A resolution of 1920 x 1920 pixels, a contrast ratio of 1000:1 and brightness of 300 cd/m² all ensure first-class image quality with clear graphics and structures as well as sharp text contours. No matter if you're sitting directly in front of the display or at an angle, the entire screen always has superb color and greyscale contrast, down to the corners.

Economical and environmentally friendly

The mercury-free backlight with efficient yet bright, white LEDs is a particularly impressive feature of the EV2730Q. It requires just 25 watts in regular use.

Auto EcoView

The EcoView sensor measures the light in the environment and automatically adjusts the display brightness accordingly. The image brightness is increased in a bright environment and it is reduced in the dark. It is also possible to control the brightness manually. The user can also freely select the desired image brightness. The EcoView index indicates how environmentally friendly each setting is.

EcoView Sense

When it comes to saving power, the EV2730Q excels thanks to its EcoView Sense function. It switches the display on or off entirely automatically depending on whether the user is in front of the screen. EcoView Sense detects the user's return even before the user moves the keyboard or mouse. This means the display is always ready for operation, yet it does not waste any power while the user is away.

EcoView Optimizer

EcoView Optimizer analyses and responds to the white portion of the image content to control the display backlight. When the displayed content is dark, the light emission is reduced so that power consumption decreases by up to 30%. The image brightness defined by the user is nevertheless maintained at all times, as EcoView Optimizer also controls the hue values.

Eco Timer EIZO uses two methods to save energy: After a predefined time, Eco Timer automatically switches the monitor into standby mode, reducing power consumption. The power switch, located directly on the monitor, switches the power supply off completely and therefore minimises unnecessary CO₂ emissions as well as costs.

Overdrive

The precalculated Overdrive function accelerates pixel conversion to a level where the changeover time between different hue values is a mere 5 ms on average. Moving images in fast video sequences, games and 3D CAD animations are displayed without any annoying delays.

Flicker-free

The EV2730Q uses hybrid technology developed by EIZO to control background light. This replaces the conventional pure PWM control (pulse width modulation). However, EIZO does not completely get rid of PWM and continues to use it to retain precise color stability in dark images.

Precise color control

Color temperature control allows the white balance to be adjusted at intervals of 500 between 4,000 and 10,000 K. In addition, the color saturation (gain) for RGB colors can be configured separately.

FineContrast

This function offers a wide range of display modes with various default settings for brightness, color temperature and gamma. It provides ideal display configurations for office applications, Internet and images (sRGB) at the push of a button. 'Paper' mode simulates the pleasing contrast and white balance of printed documents. In addition, two user modes are also available for customised settings.

Signal inputs

A DisplayPort and a DVI-D dual link input enable the connection of a wide variety of digital signals. Up to two computers can be connected at the same time.

USB hub

An integrated USB hub enables the connection of peripheral devices. For example, a keyboard and mouse can be connected to the monitor on your desk.

ScreenManager Pro

ScreenManager Pro is used for convenient monitor control using software via the Windows interface as an alternative to the on-screen display. The DVI signal cable is all that is required for connection. It is even possible to link monitor settings to specific applications, for example, switching to sRGB display properties when opening the browser.

Audio-enabled

Speakers and headphone jack are discreetly integrated into the housing.

Compact, space-saving design

The sophisticated LCD module has a very narrow border and is designed for an extremely compact housing. The border around the image is no more than 9.8 mm. Power supply and signal interfaces are unobtrusively integrated into the unit.

FlexStand

This enables turning and tilting as well as continuous height adjustment. It starts very low near the desk and has a range of 10 centimetres. This guarantees optimal ergonomics, regardless of whether the user is sitting or standing in front of the screen. The FlexStand base is always fully stable, despite its maximum range of movement.

Test marks



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EIZO EV2730Q

Specifications

Diagonal	67 cm (26.5") 1:1 format
Models (housing color)	EV2730Q-GY (light grey) EV2730Q-BK (black)
Visible image size	475.7 mm x 475.7 mm
Visible diagonal	67 cm
Ideal and recommended resolution	1920 x 1920 pixels
Dot pitch	0.2478 mm x 0.2478 mm
Displayable colors	16.7 million
Max. brightness	300 cd/m ² (typical)
Max. dark room contrast	1000:1 (typical)
Max. viewing angle	Horizontal: 178°; vertical: 178°
LCD technology	IPS
Typical mid-tone reaction time	5 ms
Features	EcoView Sense, Auto EcoView, EcoView Index, EcoView Optimizer, Overdrive, HDCP decoder, FineContrast, On-Screen Display, PowerManager by VESA DPMS, USB hub, integrated loudspeakers and power supply
Configuration options	Minimum and maximum brightness, contrast, gamma, color saturation for RGB, color temperature, resolution, Eco Timer, OSD language (DE, UK, FR, SE, ES, IT), interpolation
Resolutions	1920 x 1920 full image 1920 x 1200, 1920 x 1080, 1280 x 1024, 1024 x 768, 800 x 600, 720 x 400, 640 x 480, enlarged to full image or 1:1
Horizontal frequency	Digital: 31 - 127 kHz
Vertical frequency	Digital: 59 - 61 Hz, as well as 29 - 31 Hz
Video bandwidth	272 MHz
Graphic signals	DisplayPort 1.1, DVI dual link (TMDS)
Signal inputs	DisplayPort and DVI-D
Plug & Play	VESA DDC CI
Power management	VESA DPMS, DVI-DMPM
Power consumption	Max. * 64 watts and typically 25 watts, less than 0.5 watts in standby mode, 0 watts when power switch is OFF
Dimensions (WxHxD)	497 x (512.5 - 613.5) x (245) mm
Weight	7.1 kg
Test marks	CE, TÜV GS, TÜV certified ergonomics, ISO 9241-307 Class 1, TCO 6, Energy Star
Speakers	Left and right
Audio input	3.5 mm stereo jack
Audio output	3.5 mm stereo jack (for headphones)
Flexibility	172° right/left, -5° to the front, 35° to the back 10 cm height adjustment from connecting plate
USB hub	One upstream/two downstream, rev. 2.0
Accessories included	Manual in German, English and French, power and signal cables (DP-DP and DVI-D->DVI-D dual link), ICC color profile

Service Five-year on-site replacement service

Errors excepted 11/14

* At maximum brightness, USB hub as well as all signal inputs and speakers in operation



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