

EV2780-BK

Your advantages



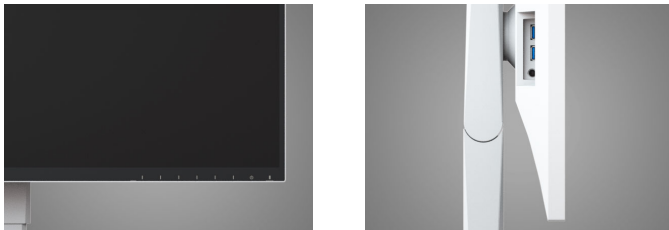
The EIZO FlexScan EV2780 is ideal for those who value compact and modern design. The bezel around the 27-inch display with 2560 x 1440 pixels is extremely narrow, and the front of the monitor is completely flat. The profile and the back of the monitor also have a slimline, delicate appearance. However, what particularly makes the monitor stand out is the minimal number of cable connections that are required. The EV2780 functions as an all-around dock for tablets, notebooks, and smartphones – all with a single cable. The monitor's USB Type-C interface allows you to charge devices, transfer data, transmit image and audio signals, and connect a keyboard and mouse to your computer. The EV2780 is ideally suited for a modern and tidy computer workstation, thanks to its design and technology. It is perfect for office use and public areas where high-performance and elegant design are paramount.

- ✓ 27" LCD monitor with 2560 x 1440 pixels and IPS technology for outstanding image quality
- ✓ Bezel approx. 1 mm: amazingly compact and ultra-elegant design
- ✓ Dock function for tablets, notebooks, and smartphones via USB 3.1 Type-C interface
- ✓ USB hub and USB 3.1 Type-C port with DisplayPort signal channel and power supply at a rate of up to 30 watts
- ✓ Available in either black or white housing colour
- ✓ Contrast 1000:1, brightness 350 cd/m², 178° viewing angle
- ✓ Flicker-free image reproduction thanks to hybrid brightness control
- ✓ Auto EcoView, EcoView Index, and EcoView Optimizer for maximum power savings and superb ergonomics
- ✓ HDMI and DisplayPort signal inputs, DisplayPort (separate and integrated into USB port)

Features

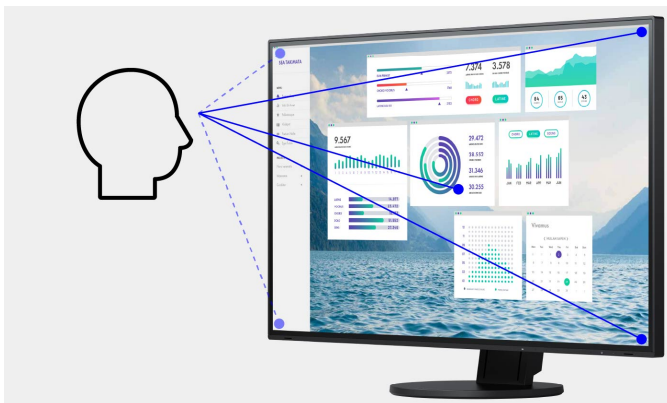
Extra-chic full flat design

In elegant black or a luxury highlight in white: The ultra-thin design, with a housing frame that is just 1 mm thick and a fully flat front of the device. The black glass edge that is only around 5.7 mm thick is all that stands between the display and the frame at the sides and above. Even the operating elements and brand logo are integrated in the surface. The side profile and reverse also look slim and graceful. The monitor is a real eye-catcher, with plenty of space for all of your ideas.



Maximum image quality thanks to the IPS panel

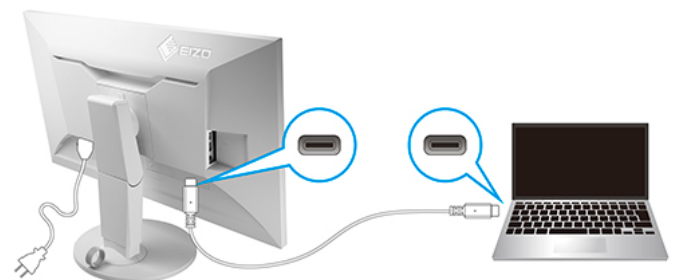
The monitor is capable of all three key elements of excellent image quality: excellent resolution of 2560 x 1440 pixels, maximum contrast of 1000:1, and stable brightness of up to 350 cd/m². That means you will experience razor-sharp text contours, brilliant graphics, and clear images. Thanks to the high-quality IPS panels with LED backlight, contrasts and colours remain stable from every viewing angle.



USB 3.1 Type-C with dock function

The EV2780-BK functions as an all-around dock for tablets, notebooks, and smartphones – all with a single cable. The EV2780-BK features a USB interface that can be used for regular data transfers as well as to transmit DisplayPort image signals and audio signals. The user can use a keyboard and mouse by connecting them to the monitor. The EV2780-BK also acts as a power supply and can be used to charge connected devices such as a MacBook. Charging takes place at a rate of either 15 or 30 watts without the need for an external power supply. The EV2780-BK automatically lowers the image brightness when charging in the 30-watt mode in order to ensure optimal performance of the integrated power supply.

EV2780-BK USB Type-C compatibility with devices



10-bit LUT: precise colour control

An image can only be perfect if the colours are, too. This is why EIZO office monitors have a 10-bit look-up table at a minimum, which allows the colour information to be assigned much more precisely than with conventional 8-bit LUTs. The finest colour gradations ensure that gradients are always perfectly displayed, while also offering customised adjustment options. For example, you can adjust the white balance from 4000 K to 10000 K in 500-K intervals.



Without 10 Bit LUT



With 10 Bit LUT

Features

Save electricity and your eyes with Auto EcoView

At day, at night, bright, dark: No matter when and how you work, the Auto EcoView function continuously measures changes of the ambient light and optimizes the monitor with ideal brightness values fully automatically by using a sensor. The benefits: Annoying glare is reduced, your eyes will not get tired as quickly. A special two-point control takes into account the brightest and darkest environment over the course of the day with the respectively desired screen brightness. Another advantage: Thanks to the automatic brightness adjustment, you will save up to 50% of your electricity costs in comparison to a monitor that is permanently operated at maximum brightness.

Of course, you can also continue to configure the monitor manually. EcoView Index is used for orientation on how environmentally friendly and economical your settings are.

Flicker free: for the sake of the eyes

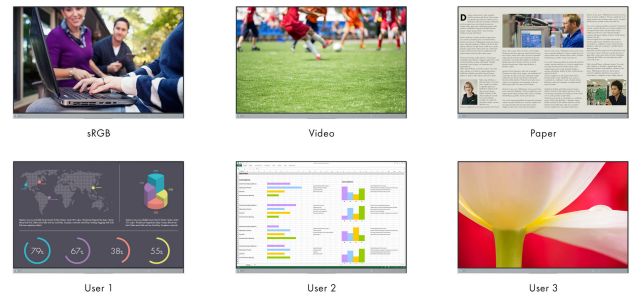
To help protect your eyes, EIZO has developed a hybrid technology to control the backlight. This combines the benefits of the otherwise standard PWM (pulse width modulation) and DC (direct current) control. The PWM control uses much higher frequencies than standard PWM methods. The result: a flicker-free viewing experience. Flickering is reduced down to absolute freedom from flickering, without impairing image quality or colour stability. In addition, the brightness can be set to less than 1% of the maximum value in darkly lit rooms. The benefit: Your screen remains free from glare even under these conditions.

Anti-glare coating: more image, less reflection

The EV2780-BK offers a surface with optimal anti-glare coating. By minimising glare from the spread of the reflected light, the anti-glare coating effectively protects your eyes from straining. This keeps your eyes from getting as tired and allows you to sit comfortably in front of the screen, without having to sit in a forced position to prevent glare.

Preset colour modes: Optimised display at the press of a button

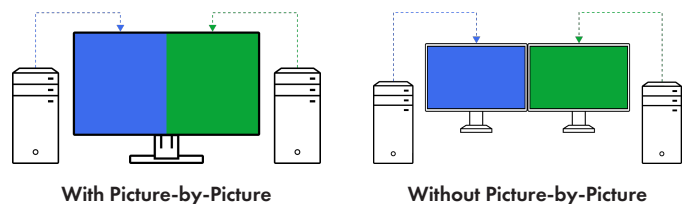
Preset colour modes make it easier for you to work and look at images, texts, or films. Because when choosing colour settings, it makes a difference whether you are looking at a film, editing an image, surfing the net, or writing texts. You can configure the respective presets for brightness, gamma correction, and colour temperature at the press of a button. An example: Paper mode simulates the pleasant contrast of books by reducing the blue light portion. This protects your eyes while reading and stops them from getting tired.



Sample display

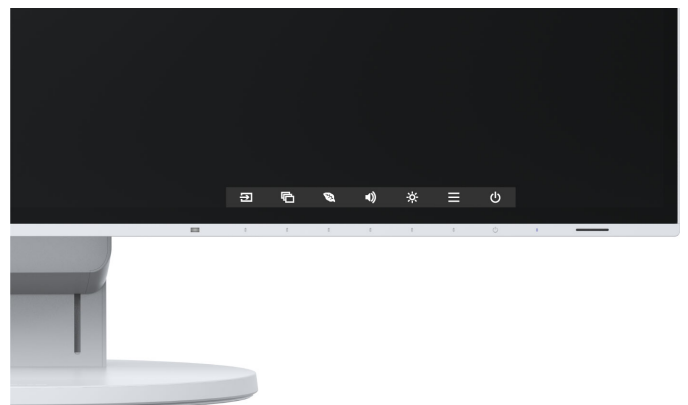
Picture by Picture

Picture-by-Picture mode enables different signal sources to be viewed independently on a single screen. You can select from five different views at the press of a button. You can quite conveniently display multiple applications in different layouts and sizes and use the Picture-by-Picture mode in Windows and Mac operating systems simultaneously where necessary.



Operation made easy thanks to the Button Guide

The Button Guide provides all functions at a glance. Touching the button is enough and the screen will show all functions and the corresponding control panel.



Features

Screen InStyle

In addition to the on-screen menu, you can conveniently control the EV2780-BK by using the Screen InStyle software on a Windows PC. The configuration options include colour reproduction, energysaving options, and ergonomic functions that, for example, allow you to reduce the blue light portion (Circadian Dimming). The Screen InStyle software allows the user to apply the settings to all connected screens when using a multi-screen system.

[More about Screen InStyle](#)

Screen InStyle Server is a server application that allows system administrators to centrally manage and control monitors on which Screen InStyle is installed and which are connected to the network. This optimises power consumption and simplifies monitor asset management.

[More about Screen InStyle Server](#)

Overdrive to quickly change images

Fast, faster, overdrive. The overdrive function accelerates switching time so that the grey-grey change takes only 5 ms on average. You can watch films and rapidly changing images without annoying afterglow.

LED backlight: Economical in consumption, free from mercury

The monitors with an LED backlight help save the environment throughout their entire service life – from manufacturing through operation to disposal. For on the one hand they are characterized by particularly low electricity consumption. The typical consumption is just 23 Watt. On the other hand, they are free from mercury – a substance that is harmful to both humans and the environment and is very difficult to dispose of.



Save up to 30% of energy with the EcoView Optimizer

Save electricity without compromising quality: The EcoView Optimizer reduces the background lighting fully automatically for dark images. This reduces electricity consumption by up to 30%. At the same time, the signal is amplified and the colour tone values adjusted. The result: You will enjoy the image quality you are used to but consume less power.

Zero-Watt consumption thanks to the power switch

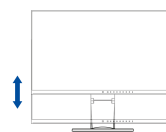
The monitors have an integrated mechanical power switch, which is extremely practical and energy-saving: If you switch off the monitor using the power switch, the device will stop consuming any power at all. Moreover, it consumes a maximum of 0.5 watt in standby mode.

One monitor, many ports

It doesn't get easier than this: You can connect most of your devices, such as PC, laptop or cameras directly to the monitor because the monitor has a number of different ports. That makes your daily work easier.

Flexible base

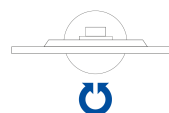
Ergonomic and stable: the adjustable stand focuses on ergonomics. You can rotate, swivel and tilt the monitor stand until you find the most comfortable setting for your back, neck and sitting posture. It features continuous height adjustment and can be lowered almost to the base plate of the stand, enabling you to position the top image line ergonomically right below your eye level.



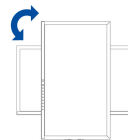
155 mm



Tilt down 5°, tilt up 35°



172° (right/left)



Rotation 90° clockwise and anti-clockwise

Features

Five-year warranty

EIZO grants a five-year warranty. This is possible thanks to the highly developed production process based on a simple principle of success: sophisticated and innovative monitor technology, made from high-end materials.



Specification

General

Item no.	EV2780-BK
Case colors	Black
Solutions	Office
Product line	FlexScan
EAN	4995047049838
Variants	EV2780-WT (Colour: White)

Display

Screen size [inches]	27
Screen size [in cm]	68.4
Format	16:9
Viewable image size (width x height)	597 x 336
Ideal and recommended resolution	2560 x 1440
Pixel Pitch Horizontal [mm]	0.23 x 0.23
Resolution Supported	2560 x 1440, 1920 x 1200, 1920 x 1080 (Full HD), 1600 x 1200, 1680 x 1050, 1280 x 1024, 1024 x 768, 800 x 600, 720 x 400, 640 x 480
Panel technology	IPS
Max. viewing angle horizontal	178 °
Max. viewing angle vertical	178 °
Number of colors or grayscale	16.7 million colors (display port, 8 Bit), 16.7 million colors (HDMI, 8 Bit), 16.7 million colors (DVI, 8 Bit)
Max. colour space	sRGB
Max. brightness (typical) [in cd/m²]	350
Max. dark room contrast (typical)	1000:1
Typical response time [grey/grey alternation]	5 ms
Backlight	LED

Features

Color palette / look-up table	More than 1.06 billion hues/14-bit
Overdrive	✓
No flickering thanks to hybrid controls	✓
HDCP Decoder	✓
Preset colour/greyscale modes	sRGB, Paper, Movie, 2x free modes for user selection
OSD language	de, en, fr, es, it, se
Adjustment options	Brightness, Contrast, Gamma, Colour saturation, Colour temperature, Image position, Clock, Phase, Resolution, Eco Timer, Colour Mode, Colour tone, Overdrive, Audio source, Signal input, Smoothing, OSD language, Interpolation, Volume, Auto EcoView, Audio input (DisplayPort/HDMI)
Button Guide	✓
Signal inputs	USB Type-C (DisplayPort Alt Mode, HDCP 1.3), DisplayPort (HDCP 1.3), HDMI (HDCP 1.4)
USB specification	USB 3.1 Gen 1
USB upstream ports	1 x type C (DisplayPort Alt Mode, 30 W max.)
USB downstream ports	2 x type A
USB Typ-C	✓
Video Signal	DisplayPort, HDMI (YUV, RGB), DVI dual link (TMDS)
Input Signal Identification	✓
Audio Input	DisplayPort, HDMI
Audio Output	3.5 mm stereo jack
Built-in speakers	✓

Dimensions & Weights

Dimensions [mm]	610 x (390 bis 545) x 245 mm
Weight [in kilograms]	8.1
Dimensions Without Stand [mm]	611,4 x 356,3 x 50 mm
Weight Without Stand [in kilograms]	5.3
Swivel (right/left)	172 °
Incline forward/backward	5 ° / 35 °
Pivot	✓ 90°
Height Adjustment Range [mm]	155
Hole Spacing	VESA standard 100 x 100 mm

Electric data

Power consumption (typical) [in watt]	23
Maximum Power Consumption [in watt]	96
Power Save Mode [in watt]	0.5
Power Consumption Off [in watt]	0
Energy-efficiency class	A
Annual Energy Consumption [in kWh]	42
Auto-EcoView	✓
EcoView-Index	✓
EcoView-Optimizer	✓
Power Supply	AC 100-120 V / 200-240 V, 50/60 Hz
Power Management	VESA DPMS, DVI-DMPM, DisplayPort Version 1.1a
Integrated power unit	✓

Certification & Standards

Certification	CE, CB, TCO certified 8.0, EPA Energy Star, TÜV/GS, TÜV/Ergonomics (including ISO 9241-307), TÜV/Low blue light content, TÜV/Flicker Free, EPEAT 2018 (US), cTÜVus, TÜV/S, EAC, PSE, FCC-B, CAN ICES-3 (B), RCM, VCCI-B, CCC, RoHS, China RoHS, WEEE
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Software & Accessories

Accompanying software and other accessories are available for download	ScreenManager PRO, ScreenSlicer, Screen InStyle
Additional Supply	Power cord, USB, and signal cable (USB Type-C), Quick guide, Manual on CD
Accessory	EIZO ScreenCleaner (for the best possible clean without scratching the monitor), PM200-K (DisplayPort cable to transfer digital video and audio signals.)

Warranty

Warranty and service	5 years including on-site replacement service*
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Terms

*) Maximum of 30,000 hours of operation from the date of purchase.**) Zero pixel error guarantee for completely lit sub-pixels (partial pixels ISO 9241-307). Valid: six months from the purchase date.