



EV2780-BK

Your advantages



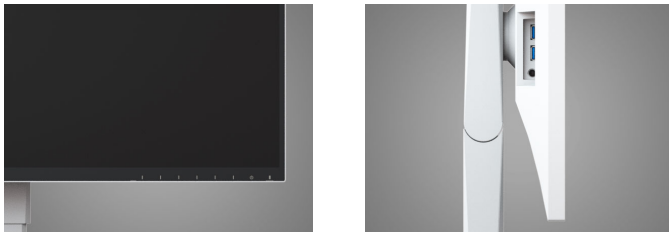
The EIZO FlexScan EV2780 is ideal for those who value compact and modern design. The bezel around the 27-inch display with 2.560 x 1.440 pixels is extremely narrow, and the front of the monitor is completely flat. The profile and the back of the monitor also have a slimline, delicate appearance. However, 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 color
- ✓ 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

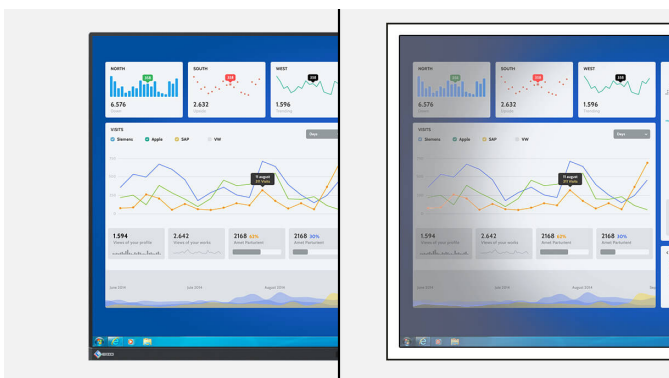
Extra-chic full flat design

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 6 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 colors remain stable from every viewing angle.



EIZO monitor

Conventional monitor



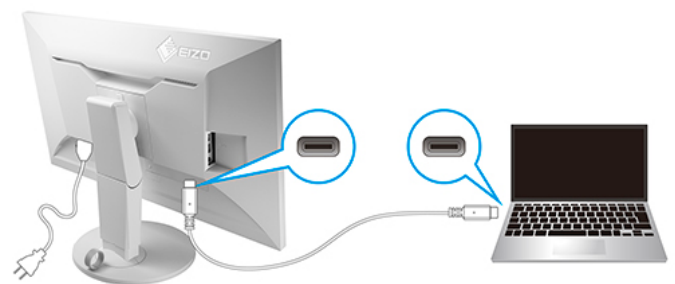
EIZO monitor

Conventional monitor

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



Features

10 bit LUT for precise color control

When it comes down to color nuances, the integrated 10 bit look-up table (LUT) offers considerable advantages: the allocation of color information is considerably more precise than in other 8 bit look-up tables. The color gradations are extremely fine and offer customized configuration options: The color temperature control can be used to adjust white points from 4000 K to 10000 K in 500 K increments. In addition, the color saturation for RGB colors can be configured separately.



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.

Absolutely flicker-free:

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. PWM control uses refresh rates of 18 kHz. The result: a flicker-free viewing experience. Flickering is reduced down to absolute freedom from flickering, without impairing im-

age quality or color 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.

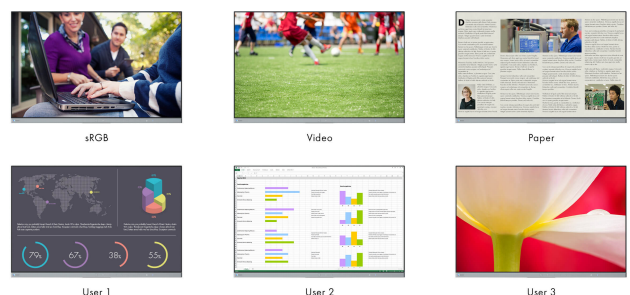
Anti-reflection coating: more image, less reflection

The EV2780-BK offers a surface with optimal anti-reflection coating. By minimizing glare from the spread of the reflected light, the anti-reflection 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.



FineContrast modes: Optimized display at the press of a button

The FineContrast modes make it easier for you to work and look at images, texts, or films. Because when choosing color 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 presettings for brightness, gamma correction, and color 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.

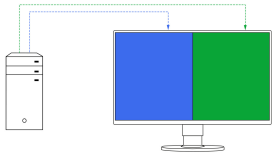


Sample display

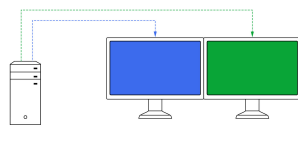
Features

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.



With Picture-by-Picture



With Picture-by-Picture

Screen InStyle

You can conveniently control the EV2780-BK either by using the Screen InStyle software on a Windows PC or by using the on-screen menu. The configuration options include color 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](#)

[more about Screen InStyle](#)

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.



Overdrive to quickly change images

Fast, faster, overdrive. The overdrive function accelerates switching time so that the gray-gray 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.



Features

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 color 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

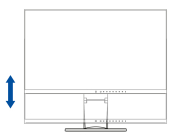
The monitors have an integrated mechanical power switch, which is extremely practical and energy-saving: If you switch off the monitor using the power switch, the device will stop consuming any power at all. Moreover, it consumes a maximum of 0.50 watt in standby mode.

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 base focuses on ergonomics. The monitor base can be twisted, turned, and tilted so that it is most comfortable for your back, neck, and sitting posture. The height can also be seamlessly adjusted and, depending on the model, lowered to the bottom of the base, allowing you to position the top row of the image ergonomically below eye level.



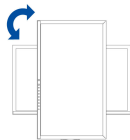
155 mm



Tilt up 35°, tilt down 5°



172° (right/left)



Rotation 90° clockwise and anti-clockwise

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 (Color: White)

Display

Screen size [in inches]	27
Screen size [in cm]	68
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. color space	sRGB
Max. brightness (typical) [in cd/m ²]	350
Max. dark room contrast (typical)	1000:1
Typical response time [gray/gray alternation]	5 ms
Backlight	LED

Features

Color palette / look-up table	1.06 billion color tones / 10 Bit
Overdrive	✓
No flickering thanks to hybrid controls	✓
HDCP Decoder	✓
Preset color/grayscale modes	sRGB, Paper, DICOM, Movie, 2x free modes for user selection
DICOM tone curve	✓
OSD language	de, en, fr, es, it, se
Adjustment options	Brightness, Contrast, Gamma, Color saturation, Color temperature, Image position, Clock, Phase, Resolution, Eco Timer, FineContrast, Colour tone, Overdrive, Audio source, Signal input, Smoothing, OSD language, Interpolation, Volume, Auto EcoView, Audio input (DisplayPort/HDMI)
Button Guide	✓
Signal inputs	DisplayPort via USB Typ-C, DisplayPort, HDMI
USB Typ-C	✓
Video Signal	DisplayPort, HDMI (YUV, RGB), DVI dual link (TMDS)
Input Signal Identification	✓
Audio Input	3.5 mm stereo jack, DisplayPort, HDMI
Audio Output	3.5 mm stereo jack
Built-in speakers	✓
USB hub	1 Up-Stream (USB-C) / 2 Down-Stream (USB-B), USB Rev. 3.1 gen 1

Dimensions & Weights

Dimensions [mm]	610 x (390 bis 545) x 245 mm
Weight [in kilograms]	8
Dimensions Without Stand [mm]	611,4 x 356,3 x 50 mm
Weight Without Stand [in kilograms]	5
Swivel (right/left)	172 °
Incline forward/backward	5 ° / 35 °
Pivot	✓
Height Adjustment Range [mm]	155
Hole Spacing	VESA standard 100 x 100 mm

Electric data

Power consumption (typical) [in watt]	23.00
Maximum Power Consumption [in watt]	96
Power Save Mode [in watt]	0.50
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 1.1 a
Integrated power unit	✓

Certification & Standards

Certification	CE, TÜV/GS, TÜV/Ergonomics, TCO 7, ISO 9241-307 Klasse 1 **, Energy Star
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Software & Accessories

Accompanying software and other accessories are available for download or on a CD	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

**) Zero pixel error guarantee for completely lit sub-pixels (partial pixels ISO 9241-307). Valid: six months from the purchase date.