

EV2785-BK

Your advantages



The sharp picture quality as well as the convenience and versatility of USB-C help make the FlexScan EV2785 the ideal display for professional office and CAD applications. It delivers top-rate display quality and crystal clear images and texts thanks to Ultra HD resolution of 3840 x 2160 and a pixel density of 163 ppi. The monitor's USB-C port is able to transmit video, audio, and USB signals concurrently with a maximum bandwidth of 5 Gbps. The display can also supply up to 60 W to power to other devices. This allows you to conveniently charge your notebook or tablet, eliminating the need for a separate power cord. The new monitor looks great thanks to its modern, virtually frameless design. The bezels are just 1 mm on the sides and top and 5.8 mm on the bottom of the screen, making it well suited for multi-monitor solutions.

- ✓ 27" UHD 4K monitor with a large display and super fine resolution of 163 ppi
- ✓ Docking functionality for tablets, notebooks, and smartphones made possible by the USB-C 3.1 port with the DisplayPort signal channel and max. 60 W power supply
- ✓ 1 mm bezels: ultra-compact and ultra-sleek design
- ✓ Cabinet comes in either black or white
- ✓ 1300:1 contrast ratio, brightness: 350 cd/m², 178° viewing angle
- ✓ Auto EcoView, EcoView Index, and EcoView Optimizer for maximum power savings and superb ergonomics
- ✓ USB Type-C (DisplayPort Alt Mode), DisplayPort, 2 x HDMI

Features

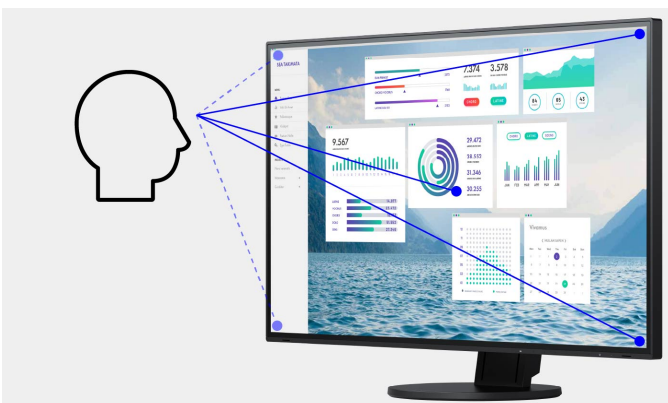
Ultra-slim. Ultra-smooth!

Whether it's in sophisticated black or pristine, eye-grabbing white: The ultra-thin design with its bezel of only 1 mm and its completely flat and smooth front side is truly impressive. A thin black glass frame with a width of just 6.4 mm is all that separates the display and bezel from one another on both sides and the top. The side profile and the back of the monitor also have a slimline, delicate appearance. The monitor is really something to behold, giving you plenty of space for your imagination.



Maximum image quality thanks to the IPS panel

The monitor is capable of all three key elements of excellent image quality: excellent resolution of 3840 x 2160 (4K UHD) pixels, maximum contrast of 1300:1, 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.



Controls Integrated Into Bezel

Electrostatic switches are integrated into the front of the EV2785-BK in place of mechanical buttons. This ensures ease of use while

also giving the monitor an extremely elegant look. The speakers are also built into the bezel, pointing forward in the direction of the user.

The brightness sensor, speakers, and all the controls are integrated into the bezel and flush with the screen. They are fully integrated into the monitor's flat, nearly frameless design to offer an excellent user experience.

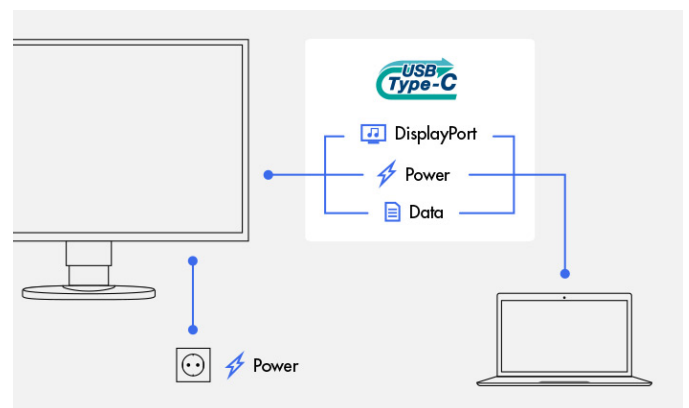


USB-C: A Universal Cable

The EV2785-BK functions as an all-around dock for tablets, notebooks, and smartphones – all with a single cable. The EV2785-BK features a USB interface that can be used for regular data transfers as well as to transmit DisplayPort video signals and audio signals. The user can use a keyboard and mouse by connecting them to the monitor. The EV2785-BK also acts as a power supply and can be used to charge connected devices such as a MacBook, providing 60 W of power without the need for an external power supply.

The monitor is compatible with the following USB Type C devices.

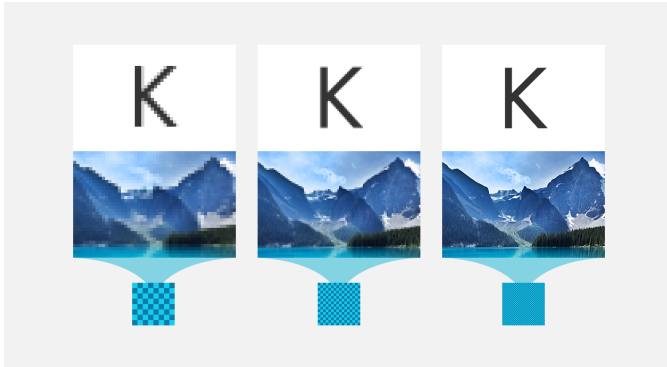
[Read more about USB-C in EIZO Monitor know-how.](#)



Features

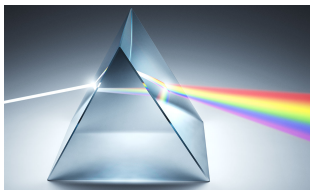
4K Resolution for Ultra-Sharp Texts and Images

Be it CAD, office, or video applications, the FlexScan EV2785-BK with its 4K ultra HD resolution supports your work with its extraordinary display quality. Thanks to a native resolution of 3840 x 2160 (4K UHD) pixels and 163 ppi (pixels per inch), the innovative 27 monitor presents texts and graphics clearer and more precisely than ever before.

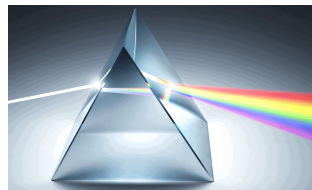


Precise colour control

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.



Look-Up-Table with 10 and more bit



Look-Up-Table with 8 bit

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 aver-

age. You can watch films and rapidly changing images without annoying afterglow.



Without overdrive: streaking and time delay

New Auto EcoView Functionality

The FlexScan EV2785-BK features a fifth-generation Auto EcoView functionality. Auto EcoView adjusts the monitor brightness based on the ambient light to help achieve an ergonomic contrast ratio between the monitor and workplace environment. It has been upgraded to improve usability, with the Auto EcoView settings now adjusted with the user hardly noticing when the brightness control switch is pressed on the monitor. Auto EcoView runs fully automatically in the background and makes do without any cumbersome menus. All the user needs to do is choose whether or not to activate Auto EcoView.

The monitor sensor on the EV2785-BK automatically determines if the user has adjusted the image brightness when the lighting is dark or light. The monitor then saves these values without the need for the user to do anything. It adjusts the image brightness to other ambient conditions as well. Users are free to choose when and under what external conditions to adjust the brightness to levels that work best for them.

Advantages: The brightness settings for the EV2785-BK are automatically adapted to the lighting conditions to ensure the levels are optimal and glare-free. The user no longer has to use the brightness control to adjust the Auto EcoView settings to ambient conditions and changes in brightness over the course of the day. The feature is intuitive and runs in the background without the user noticing.

Features

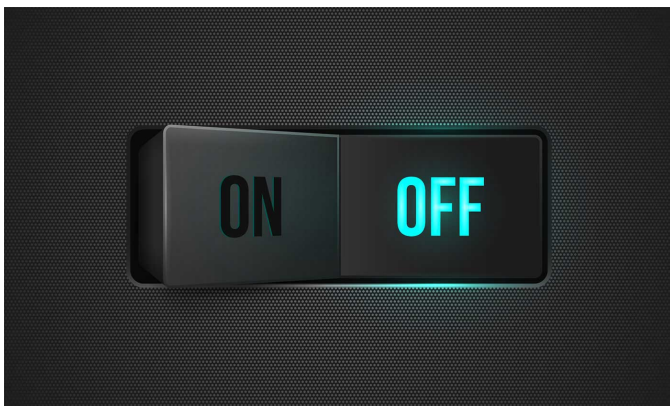
Save up to 30% of energy with the EcoView Optimizer

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 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

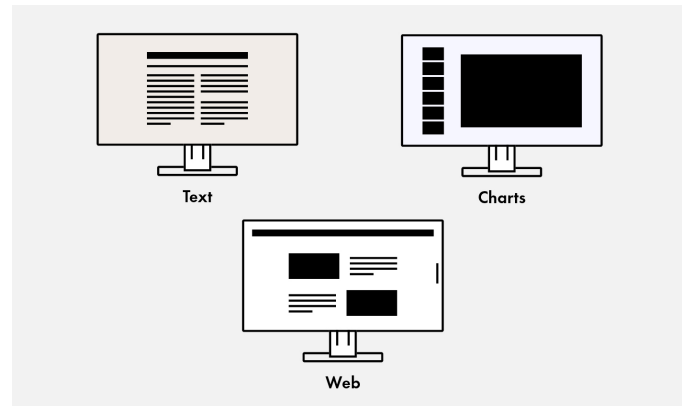
The monitors have an integrated mechanical power switch, which is extremely practical and energy-saving: If you switch off the monitor using the power switch, the device will stop consuming any power at all. Moreover, it consumes a maximum of 0.5 watt in standby mode.



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

Preset colour modes make it easier for you to work and view images, texts and videos. This is because when choosing colour settings, it makes a difference whether you are looking at a film, editing an image, surfing the Internet or writing texts. You can configure the respective default settings for brightness, gamma correction and colour temperature at the press of a button. For

example, paper mode simulates the pleasant contrast of books by reducing the blue light portion and brightness. This reduces wear on your eyes when reading documents and prevents tiredness.



Flicker free: for the sake of the eyes

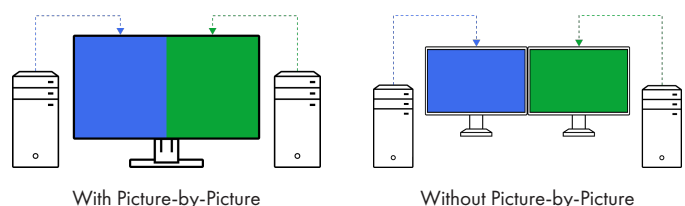
To help protect your eyes, EIZO has developed a hybrid technology to control the backlight. This combines the benefits of the otherwise standard PWM (pulse width modulation) and DC (direct current) control. The PWM control uses much higher frequencies than standard PWM methods. The result: a flicker-free 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.

EIZO FlexScan monitors are certified by TÜV Rheinland as flicker-free, emitting low quantities of blue light.

[Why do we experience eye fatigue when using a computer? EIZO has the answers.](#)

Picture by Picture

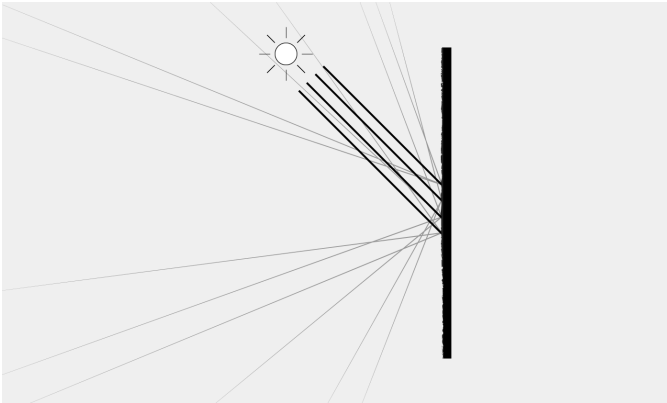
Picture-by-Picture mode enables different signal sources to be viewed independently on a single screen. You can select from five different views at the press of a button. You can quite conveniently display multiple applications in different layouts and sizes and use the Picture-by-Picture mode in Windows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



Features

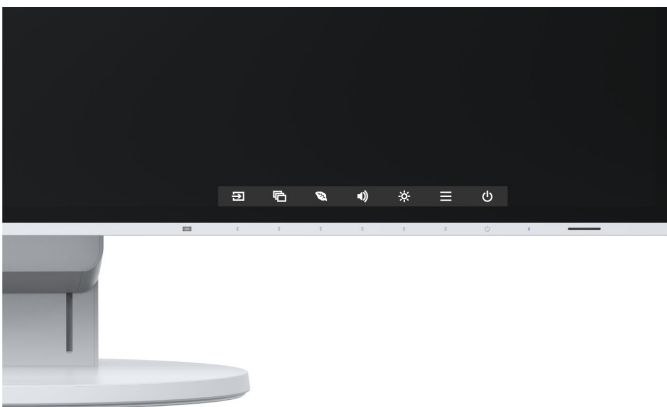
Anti-glare coating: more image, less reflection

The EV2785-BK offers a perfect, non-glare surface. By minimising glare by diffusing the reflected light, the EV2785-BK 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.



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.



Screen InStyle

In addition to the on-screen menu, you can conveniently control the EV2785-BK by using the Screen InStyle software on a Windows PC. The configuration options include colour reproduction, energy saving options, and ergonomic functions that 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.

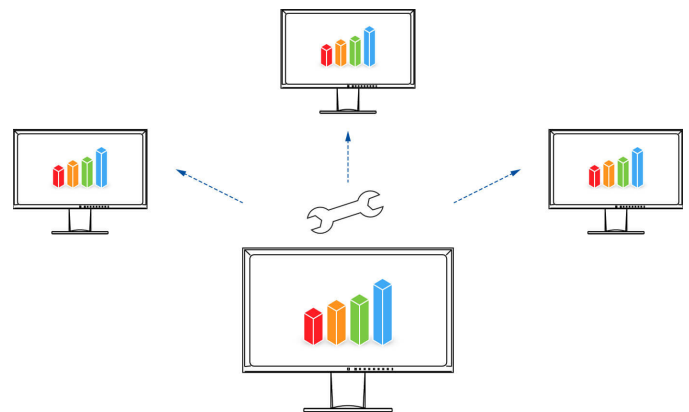
[More about Screen InStyle](#)

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](#)

Monitor Configurator for cross-network settings

Reduced workload for network administrators: The software allows you to configure multiple monitors uniformly in a single step – via a USB connection. This saves you time and ensures you have the same settings on all screens. The configuration can be saved as an XML file and transferred to clients.



Five-year warranty

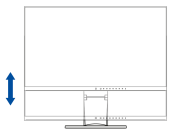
EIZO grants a five-year warranty. This is possible thanks to the highly developed production process based on a simple principle of success: sophisticated and innovative monitor technology, made from high-end materials.



Features

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.



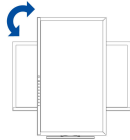
Height
177.9 mm



Tilt
Tilt down 5°, tilt up 35°



Swivel
344°



Rotation
Rotation 90° (clockwise and anti-clockwise)

Specification

General

Item no.	EV2785-BK
Case colors	Black
Areas of application	Office, Gaming
Product line	FlexScan
EAN	4995047051855
Variants	EV2785-WT (Colour: White)

Display

Screen size [in inches]	27
Screen size [in cm]	68.5
Format	16:9
Viewable image size (width x height)	597 x 336
Ideal and recommended resolution	3840 x 2160 (4K UHD)
Pixel pitch [mm]	0.155 x 0.155
Pixel density [ppi]	163
Resolution supported	3840 x 2160 (4K UHD), 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 colours or greyscale	16.7 million colours (display port, 8 Bit), 16.7 million colours (HDMI, 8 Bit), 16.7 million colours (DVI, 8 Bit)
Colour palette/look-up table	More than 1.06 billion hues/14-bit
Max. colour space (typical)	sRGB
Max. brightness (typical) [in cd/m²]	350
Max. dark room contrast (typical)	1300:1
Typical response time [grey/grey alternation]	5 ms
Typical response time [black/white/black alternation]	14 ms
Backlight	LED

Features & control

USB-C docking	✓
Preset colour/greyscale modes	sRGB, Paper, DICOM, Movie, 2x free modes for user selection
DICOM tone curve	✓
Auto EcoView	✓
EcoView Index	✓
EcoView Optimizer	✓
Overdrive	✓
No flickering thanks to hybrid controls	✓
HDCP Decoder	✓
Input signal identification	✓
Picture-by-Picture	✓
Built-in speakers	✓
OSD language	de, en, fr, es, it, se
Adjustment options	Brightness, Contrast, Gamma, Colour saturation, Colour temperature, Image position, Resolution, Colour Mode, Colour tone, Overdrive, Audio source, Signal input, Smoothing, OSD language, Interpolation, Volume, Auto EcoView, Audio input (DisplayPort/HDMI), Picture-by-Picture
Button Guide	✓
Integrated power unit	✓

Ports

Signal inputs	USB-C (DisplayPort Alt Mode, HDCP 1.3), DisplayPort (HDCP 1.3), 2x HDMI (HDCP 2.2/1.4; 4K @ 60Hz)
USB specification	USB 3.1 Gen 1
USB upstream ports	1 x type C (DisplayPort Alt Mode, 60 W max.)
USB downstream ports	2 x type A (1 x 10.5 W battery charging function)
Video input	DisplayPort, HDMI (YUV, RGB)
Audio input	DisplayPort, HDMI
Audio output	3.5 mm stereo jack

Electric data

Frequency	USB Type-C: 31 - 134 kHz, 29 - 31 Hz and 59 - 61 Hz DisplayPort: 31 - 134 kHz, 29 - 31 Hz and 59 - 61 Hz HDMI: 31 - 135 kHz, 29 - 31 Hz, 49 - 51 Hz and 59 - 61 Hz
Power consumption (typical) [in watt]	32
Maximum Power Consumption [in watt]	162 (at maximum brightness with all signal inputs and USB ports in use)
Power Save Mode [in watt]	0.5
Power consumption off [in watt]	0
Energy-efficiency class	A
Annual energy consumption [in kWh]	43
Power supply	AC 100-120 V / 200-240 V, 50/60 Hz
Power management	✓

Dimensions & weights

Dimensions [mm]	611 x (367 - 545) x 230 mm
Weight [in kilograms]	8.2
Dimensions without stand [mm]	611,6 x 359 x 48,5 mm
Weight without stand [in kilograms]	4.9
Swivel	344 °
Incline forward/backward	5 ° / 35 °
Pivot	✓ 90° (clockwise and anti-clockwise)
Height adjustment range [mm]	177.9
Hole spacing	VESA standard 100 x 100 mm

Certification & standards

Certification	CE, CB, TCO certified 8.0, EPA Energy Star, TÜV/GS, TÜV/Ergonomics (including ISO 9241-307), TÜV/Blue Low Light Content, TÜV/Flicker Free, EPEAT 2018 (US), eTÜVus, 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	Screen InStyle
Additional supply	Power cord, USB/signal cable (USB-C - USB-C), Signal cable DisplayPort - DisplayPort, Signal cable HDMI - HDMI, Quick guide, Cable protection
Accessories	EIZO ScreenCleaner (for the best possible clean without scratching the monitor), PM200-K (DisplayPort cable to transfer digital video and audio signals.), PCSK-03-BK (Thin client mount for the stand EIZO FlexStand 4 /FlexStand 5), CC100-BK (Short USB-C port cable, 100 cm)

Warranty

Warranty and service	5 years warranty*
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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.