23.8" | Office-Monitor

FlexScan EV2480

EV2480-WT

Your advantages

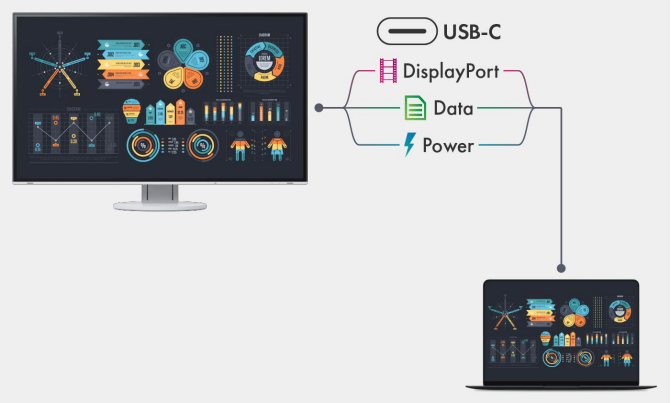
The EV2480 offers the variety of advanced interfaces, including USB downstream ports, as well as USB-C upstream, DisplayPort and HDMI inputs. The 70 W power supply via the USB-C port is highly practical. It is able to reliably charge small computers or laptops and can be easily and quickly connected with just one cable. The EV2480 is energy-efficient, ergonomic and reliable, and offers impressive image quality. The virtually frameless design gives the 23.8-inch monitor with 16:9 resolution the perfect image size for everyday use in the office. Antireflection technology and Auto EcoView ensure a glare-free view of the screen. The LCD featuring IPS technology ensures the greatest possible viewing angle. The brightness sensor, speakers and controls are built into the bezel. They are fully integrated into the monitor's design to offer an excellent user experience. The EV2480 can be swivelled, rotated and tilted to the position that is most comfortable for your back, neck and posture. Thanks to variable height adjustment, you can position the top image line ergonomically right below your eye level, which makes the EV2480 a pleasure to work with.

- 23.8" Full-HD LCD monitor with 16:9 aspect ratio and IPS technology for outstanding image quality
- USB-C port with DisplayPort signal channel and 70-watt power supply (max.) for the perfect connection
- Bezel only 1 mm: amazingly compact and ultra-elegant design
- Flicker-free image reproduction thanks to hybrid brightness control
- Auto EcoView and EcoView Optimizer deliver maximum power savings and superb ergonomics
- Optimised antireflection properties and flexible positioning
- USB 3.1 hub with one upstream and four downstream ports
- Signal inputs: USB Type-C (DisplayPort Alt Mode), DisplayPort, HDMI
- Proven manufacturing process that is both environmentally friendly and socially responsible

Features

Cutting-edge connectivity with USB-C

A single USB-C cable is all that is needed to provide video and audio reproduction, transfer data quickly and supply power to the connected devices. The 70 W power supply via USB-C is highly practical and can reliably charge small computers or laptops. This creates more space on your desk since you no longer need an additional power supply for your computer.



One monitor, many ports

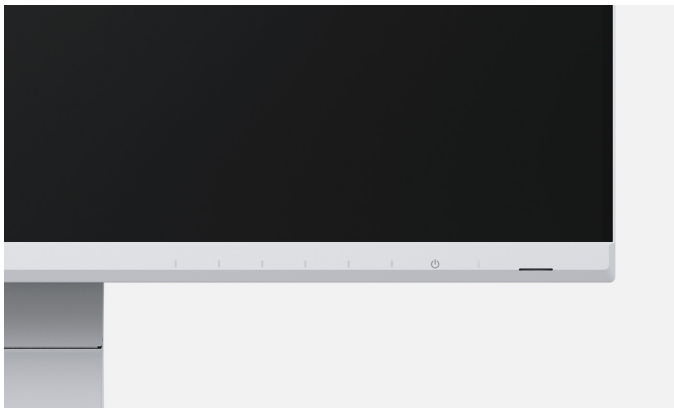
It doesn't get simpler than this: Most end devices, such as PCs, laptops and cameras, can be connected directly to the monitor, thanks to its wide range of signal interfaces. The screen also features four USB type A 3.1 ports. This allows different devices such as mice, keyboards and headsets to be connected. This makes your everyday work easier and guarantees a tidy desk.

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 is truly impressive. A thin black glass frame with a width of just 5.4 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.

Controls integrated into bezel

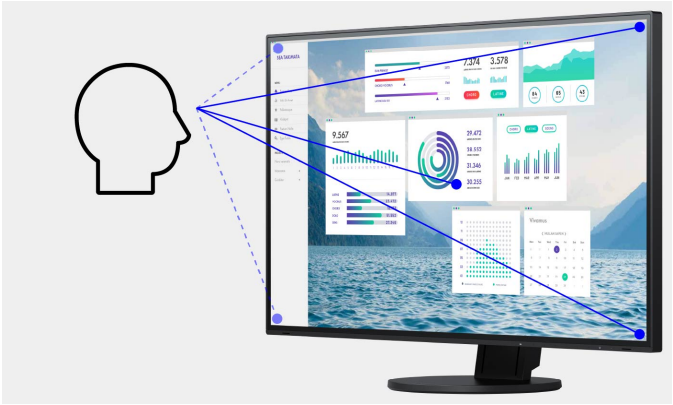
Electrostatic switches are integrated into the front of the EV2480-WT instead of mechanical buttons. This ensures ease of use while also giving the monitor an extremely elegant look. The speakers and all the controls are also built into the bezel, pointing forward in the direction of the user. They are fully integrated into the monitor's flat, nearly frameless design to offer an excellent user experience.



Features

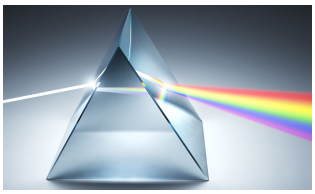
Maximum image quality thanks to the IPS panel

The monitor is capable of all three key elements of excellent image quality: excellent resolution of 1920 x 1080 (Full HD) pixels, maximum contrast of 1000:1, and stable brightness of up to 250 cd/m^2. 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.

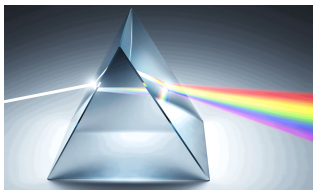


Precise colour control

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

Without overdrive: streaking and time delay

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 optimises the monitor with ideal brightness values 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.

During the day

In the evening

Features

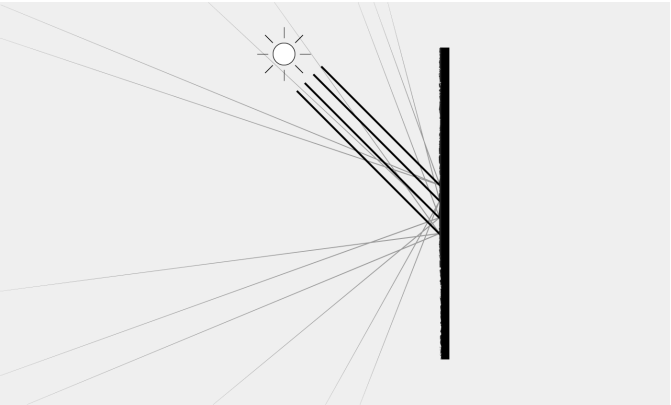
Flicker free: for the sake of the eyes

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 while maintaining picture quality and colour stability. In addition, compared to pure DC control, you can adjust the brightness to less than 1% of the maximum value in darkly lit rooms. The benefit: Your screen remains free from glare even under these conditions.

The flicker-free and low blue light content of the EIZO FlexScan monitors is certified by TÜV Rheinland. Learn more about why eyes get tired when working at the computer.

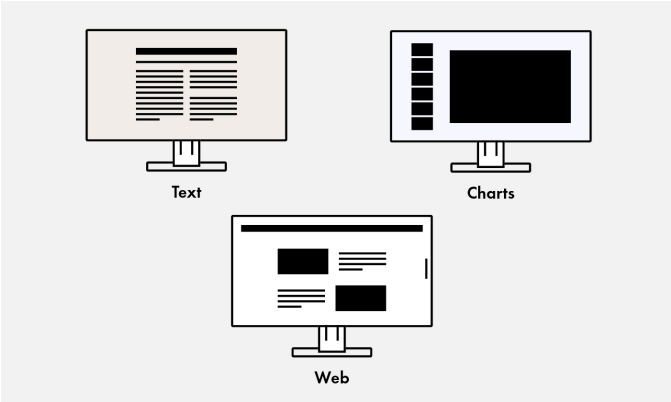
Anti-glare coating: more image, less reflection

The EV2480-WT offers a perfect, non-glare surface. By minimising glare by diffusing the reflected light, the EV2480-WT 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.



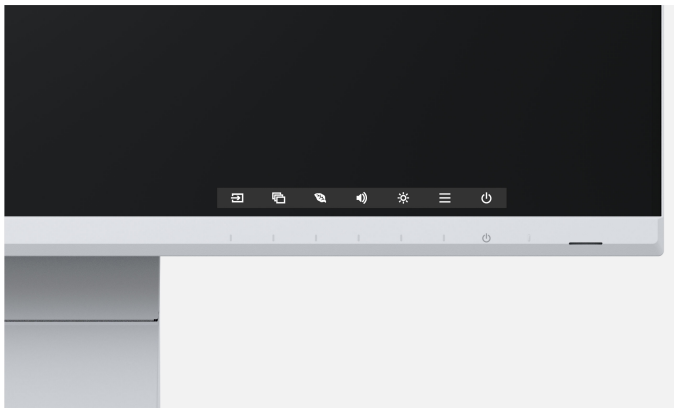
Preset colour modes: optimised display at the touch of a button

Pre-set colour modes make it easier for you to work and view images, texts, or films. Because it makes a difference whether you are watching a film, editing a picture, surfing the net, or writing texts. At the touch of a button, you set the respective preset for brightness, gamma correction and colour temperature. For example, the Paper mode simulates the pleasant contrast of printed paper, which is easy on the eyes when reading and prevents fatigue.



Operation made easy thanks to the Button Guide

With the Button Guide, you have all functions at a glance. One touch of the control panel is enough, and the function assignment of the buttons is displayed. Your advantage: clarity of operation and a clean, uncluttered design.



Screen InStyle

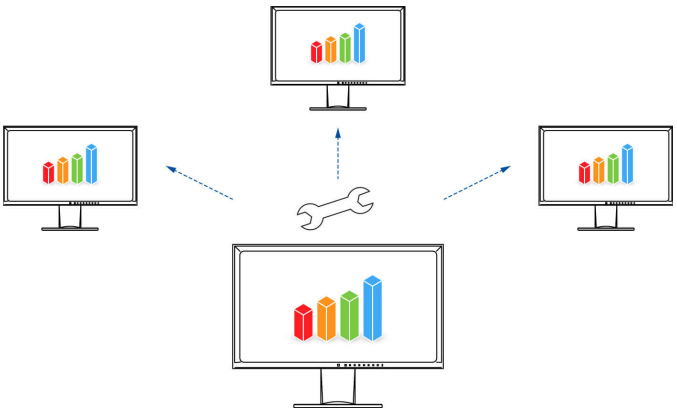
In addition to the on-screen menu, you can conveniently control the EV2480-WT by using the Screen InStyle software on a Windows PC. The configuration options include colour reproduction, energy saving options, and ergonomic functions. In multi-screen systems, the settings can be applied synchronously to all connected screens with Screen InStyle.
Learn more about Screen InStyle here.

System administrators can centrally manage and control monitors connected in the network with Screen InStyle installed using the Screen InStyle Server application. This optimises power consumption and simplifies asset management of the monitors.
Learn more about Screen InStyle Server here.

Features

Monitor Configurator for company-wide monitor setting

The work simplification for network administrators: The software enables you to configure several monitors uniformly in one step via their USB connection. You save time and get the same settings for many monitors. The configuration can be saved as an XML file and transferred to the clients.

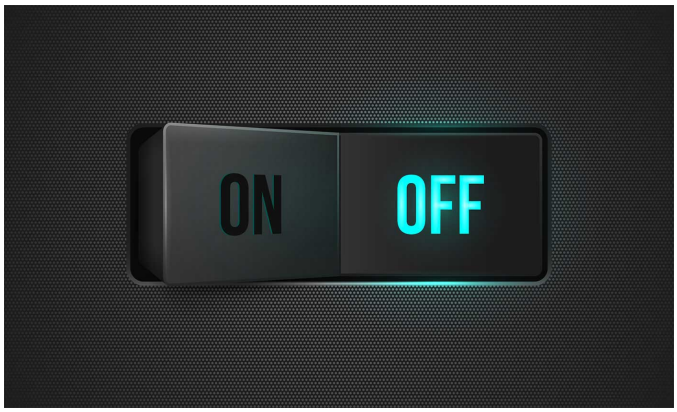


Save up to 30% of energy with the EcoView Optimizer

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.



Environmentally and socially conscious production

EIZO uses the EV2480-WT to showcase how image and product quality go hand in hand with responsible planning, material procurement and production. This intrinsic value enables you to make a safe investment in a modern and reliable monitor.

Socially responsible production

The EV2480-WT is produced in a socially responsible way. It is free of child labour and forced labour. Suppliers along the supply chain have been carefully selected and they have also committed themselves to produce in a socially responsible way. This applies in particular to conflict minerals. We present a detailed report about our social responsibility annually and voluntarily.

Read more about our corporate social responsibility

Features

Environmentally and climate friendly

Each EV2480-WT is manufactured in our own factory, which implements an environmental management system in accordance with ISO 14001. This includes measures to reduce waste, wastewater and emissions, resource and energy consumption, as well as to encourage environmentally conscious behaviour among employees. We publicly report on these measures on an annual basis as a main component of our CSR report.

Sustainable and durable

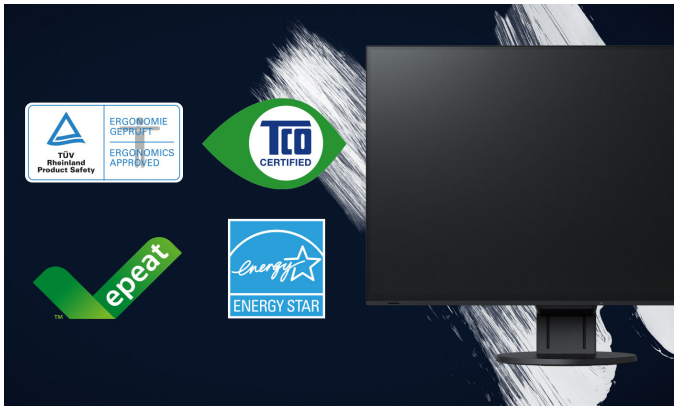
The EV2480-WT is designed for a long service life that takes into account the entire lifecycle and impact on the environment. It is generally well above the five-year guarantee. Spare parts are available up to five years after the end of production. The monitor's long service life and the ability to repair it save resources and the climate. When designing the EV2480-WT we paid attention to reducing resource consumption by using high-quality components and materials and being meticulous in production. The packaging of the EV2480-WT consists of cardboard box made of 85% recycled paper, while the transport padding is even 100% recycled material.

Compliance with standards and guidelines

The monitor is certified according to important and all-encompassing sustainability standards such as TCO Certified Generation 9, EPEAT and ENERGY STAR®. The EV2480-WT is a safe investment, when taking into account issues such as ESG (Environmental, social and corporate governance) or SDG (Sustainable Development Goals) from the United Nations and following the necessary guidelines.

Examples of compliance at EIZO include:

- Safe use of chemicals in cable insulation
- Comprehensive information transparency after servicing for the entire product lifecycle
- Safe management of chemicals throughout the entire production process.
- Appropriate work time management for employees.
- Anti-corruption management system
- Responsible procurement of minerals
- Disclosure of information on energy management



Features

A natural beauty

Reducing the use of volatile organic compounds (VOCs) found in material production, such as some paints, is a global concern.

EIZO uses its expertise cultivated from extensive years of research to manufacture its monitor cabinets with a smooth, uniform colour and texture without using paint.

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.

* in Belgium: including on-site replacement service

Specification

General

Item no.	EV2480-WT
Case color	White
Areas of application	Office, Gaming
Product line	FlexScan
EAN	4995047057765
Variants	EV2480-BK (Colour: Black)

Display

Screen size [in inches]	23.8
Screen size [in cm]	60.5
Format	16:9
Viewable image size (width x height)	527 x 296.5
Ideal and recommended resolution	1920 x 1080 (Full HD)
Pixel pitch [mm]	0.2745 x 0.2745
Pixel density [ppi]	93
Resolution supported	1920 x 1080 (Full HD), 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 (USB-C, 8 Bit), 16.7 million colours (DisplayPort, 8 Bit), 16.7 million colours (HDMI, 8 Bit)
Colour palette/look-up table	1.06 billion colour tones / 10 Bit
Max. colour space (typical)	sRGB
Max. brightness (typical) [in cd/m²]	250
Max. dark room contrast (typical)	1000:1
Response time grey-grey alternation (typical) [in ms]	5
Max. refresh rate [in hertz]	60
Backlight	LED

Features & control

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

Ports

Signal inputs	USB-C (DisplayPort Alt Mode, HDCP 1.3), DisplayPort (HDCP 1.3), HDMI (Deep Colour, HDCP 1.4)
USB specification	USB 3.1 Gen 1
USB upstream ports	1 x type C (DisplayPort Alt Mode, 70 W max.)
USB downstream ports	4 x type A
Video signal	USB-C, DisplayPort, HDMI (RGB, YUV)
Audio input	USB-C, DisplayPort, HDMI
Audio output	3.5 mm stereo jack

Electric data

Frequency	USB-C: 31-68 kHz/59-61 Hz; Display Port: 31-68 kHz/59-61 Hz; HDMI: 49-51 Hz/59-61 Hz
Power consumption (typical) [in watt]	11
Maximum Power Consumption [in watt]	142 (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
Energieeffizienzklasse	C
Energy consumption/1000h [in kWh]	12
Power supply	AC 100-120 V / 200-240 V, 50/60 Hz
Power management	✓

Dimensions & weights

Dimensions [mm]	537,8 x 332,4 - 523,6 x 230
Weight [in kilograms]	7.4
Dimensions without stand [mm]	537,8 x 320,4 x 57,4
Weight without stand [in kilograms]	4.7
Housing dimension details	Dimension drawing (PDF)
Swivel	344 °
Incline forward/backward	5 ° / 35 °
Pivot	✓ 90° (clockwise and anti-clockwise)
Height adjustment range [mm]	191.2
Hole spacing	VESA standard 100 x 100 mm

Certification & standards

Certification	CE, CB, TCO Certified Generation 9, EPA ENERGY STAR ®, TÜV/GS, TÜV/Ergonomics (including ISO 9241-307), TÜV/Blue Low Light Content, TÜV/Flicker Free, EPEAT 2018 (US), cTÜVus, TÜV/S, EAC, FCC-B, CAN ICES-3 (B), VCCI-B, CCC, RoHS, China RoHS, WEEE

Software & accessories

Accompanying software and other accessories are available for download	Screen InStyle
Additional supply	Manual via download, Power cord, USB/signal cable (USB-C - USB-C), Quick guide
Accessories	EIZO ScreenCleaner (for the best possible clean without scratching the monitor), PP200-K (DisplayPort cable, 200 cm), PM200-K (DisplayPort cable to transfer digital video and audio signals.), HH200PR-K (HDMI (High Definition Multimedia Interface) cable), PCSK-03R-WT (Thin Client Mount for the EIZO FlexStand 3R stand), CP200-WT (USB-C to DisplayPort cable, 200 cm)

Warranty

Warranty and service	5 years warranty*

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.

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