



EV2781-BK

Your advantages



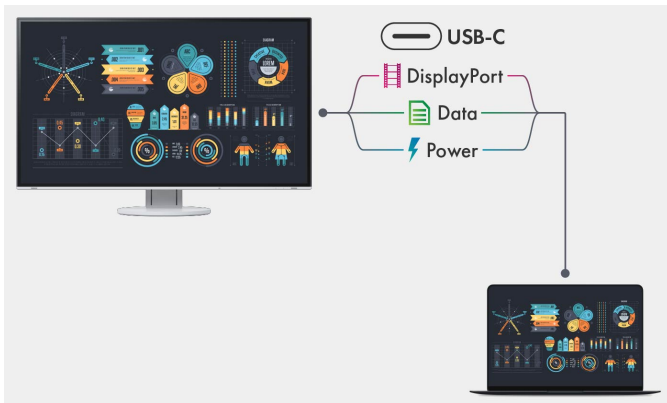
Energy-saving, ergonomic and reliable, the EV2781 shines with its picture quality. It receives the image signal, audio and USB data via its USB-C interface. The 70 W power delivery via USB-C is particularly practical. Here, notebooks can be connected and powered quickly and conveniently with just one cable. DisplayPort and HDMI inputs as well as four USB downstream ports complete the extensive connectivity options. This convenient multi-purpose connectivity simplifies a quick move when users use different workstations in the office or switch between office and home office. A picture-by-picture mode even allows simultaneous display of different signal sources. Useful when two computers are connected. The IPS LCD of the EV2781 offers a resolution of 2560 x 1440 pixels - this corresponds to a pixel density of 109 ppi for optimal readability. Matte anti-glare and Auto EcoView brightness control create a glare-free view, while sophisticated hybrid LCD backlight control ensures flicker-free viewing. The EV2781 can be rotated, swivelled and tilted in the way that is most comfortable for the back, neck and sitting posture. Its virtually bezel-less design provides a refined aesthetic. Controls, brightness sensor and speakers are integrated into the slim front bezel.

- ✓ 27" monitor with 2560 x 1440 pixels and fine 109 ppi resolution for excellent readability
- ✓ Ideal connectivity thanks to USB-C interface with DisplayPort signal channel and power supply up to 70 watts
- ✓ Only 1 mm housing frame: super-compact and ultrathin design
- ✓ Flicker-free image reproduction through hybrid control of image brightness
- ✓ Auto EcoView and EcoView Optimizer for maximum energy savings and ideal ergonomics
- ✓ Optimum anti-reflective coating and flexible positioning
- ✓ USB hub version 3.1 with one USB-C upstream and four USB-A downstream ports
- ✓ Signal inputs: USB-C (DisplayPort Alt Mode), DisplayPort, HDMI
- ✓ Demonstrably environmentally and socially responsible production

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.



the monitor's virtually frameless design and ergonomic functionality allows it to fit naturally into your workplace environment. The housing is available in both an elegant black and in white, with matching white cables.

Incidentally, the EV2781 is an ideal match for daisy-chain multi-screen systems with its sister model, the [EV2795](#). The housing design and stand are identical.



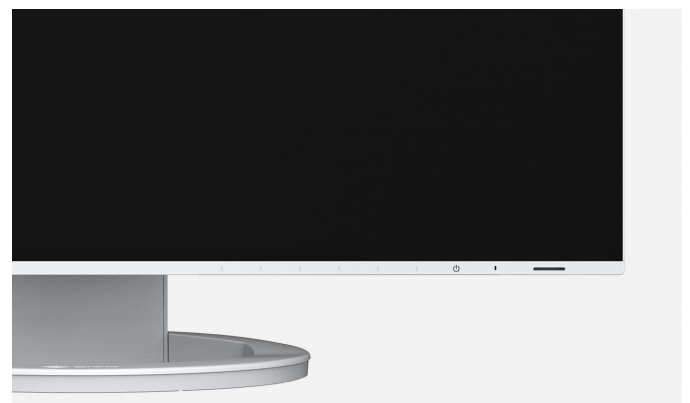
One monitor, many ports

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.



Controls integrated into bezel

Electrostatic switches are integrated into the front of the EV2781-BK 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.



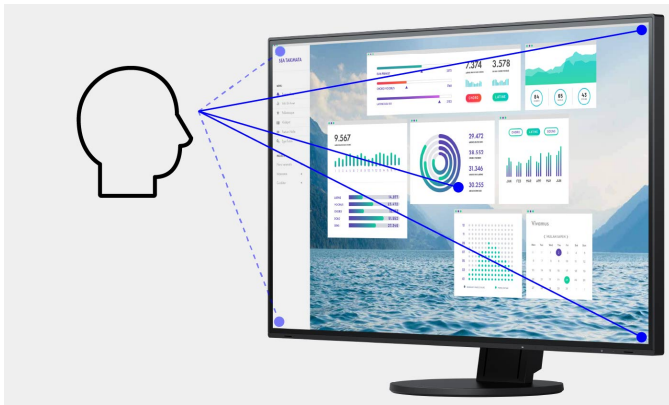
Elegant design

The monitor's appearance can be the key to creating a pleasant working atmosphere. Whether you are at home or in the office,

Features

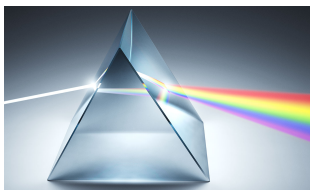
Maximum image quality thanks to the IPS panel

The monitor is capable of all three key elements of excellent image quality: excellent resolution of 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.

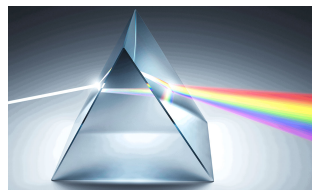


Precise colour control

An image can only be perfect if the colours are, too. This is why EIZO 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

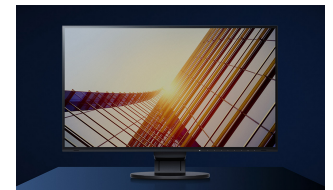
Save electricity and your eyes with Auto EcoView

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

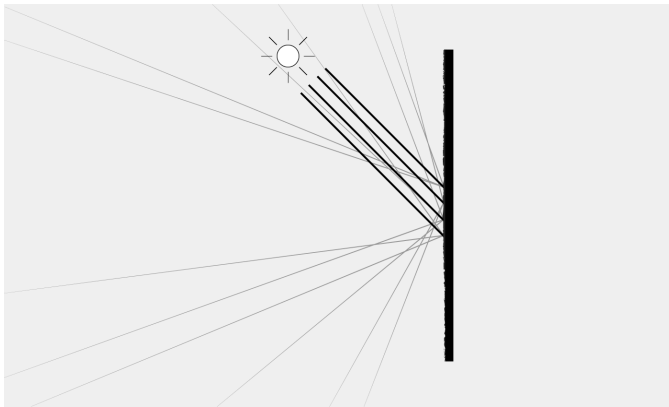
Flicker free: for the sake of the eyes

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

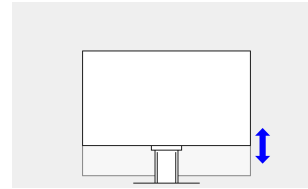
The EV2781-BK offers a perfect, non-glare surface. By minimising glare by diffusing the reflected light, the EV2781-BK effectively protects your eyes from straining. This keeps your eyes from getting as tired and allows you to sit comfortably in front of the monitor, without having to sit in a forced position to prevent glare.



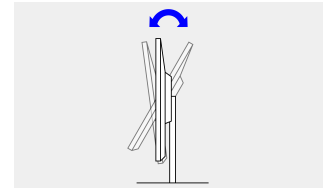
Flexible stand

Ergonomic and stable: the adjustable stand has ergonomics in focus. You can turn, swivel, and tilt the monitor in the way that is most comfortable for your back, neck and sitting posture. It can be continuously adjusted in height and lowered almost to the

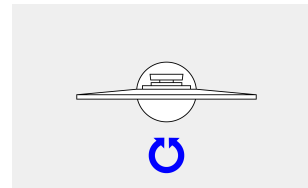
table or the base of the stand. This allows you to position the top row of the picture ergonomically below eye level.



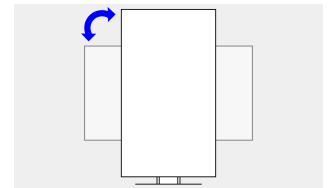
Height
176.6 mm



Tilt
Tilt down 5°, tilt up 35°



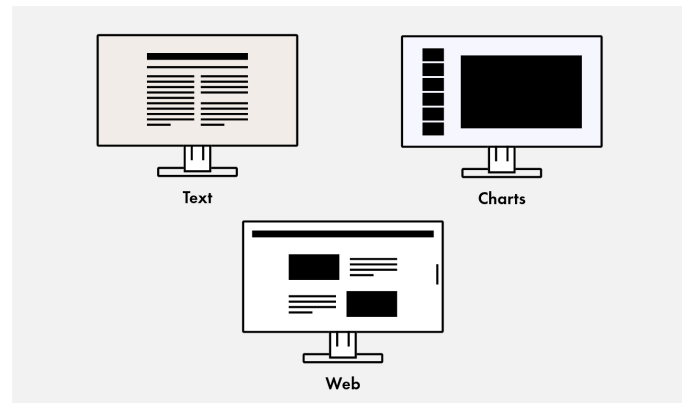
Swivel
344°



Rotation
Rotation 90° (clockwise and anti-clockwise)

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

Pre-set colour modes optimise the viewing of 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 pre-set 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.

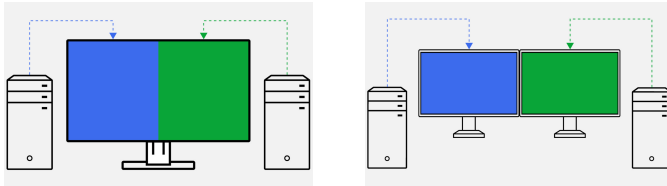


Features

Picture-by-picture: everything at a glance

The Picture-by-Picture mode allows you to display different signal sources on one screen. You can select which signal is to be displayed on the right or left half of the screen.

Use the Picture-by-Picture mode, for example, if you want to connect two computers to one monitor, or if you want to replace two individual screens connected to one computer.

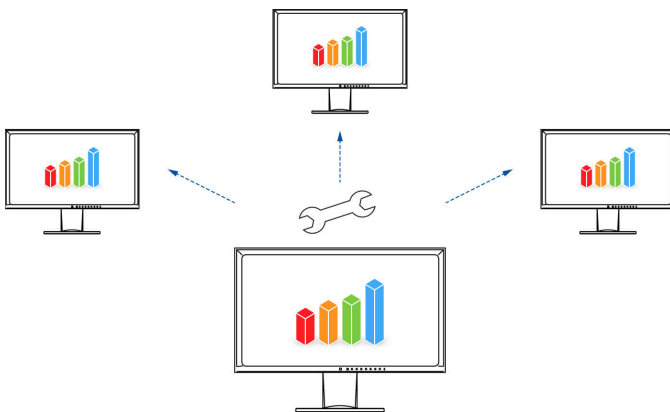


With Picture-by-Picture

Without Picture-by-Picture

Monitor Configurator for company-wide monitor setting

Workload reduction for administrators: The software allows you to create a default setup for all relevant monitor settings. This setup can be distributed to the connected monitors via the local network which facilitates the roll-out process.



Screen InStyle

In addition to the on-screen menu, you can conveniently control the EV2781-BK 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.](#)

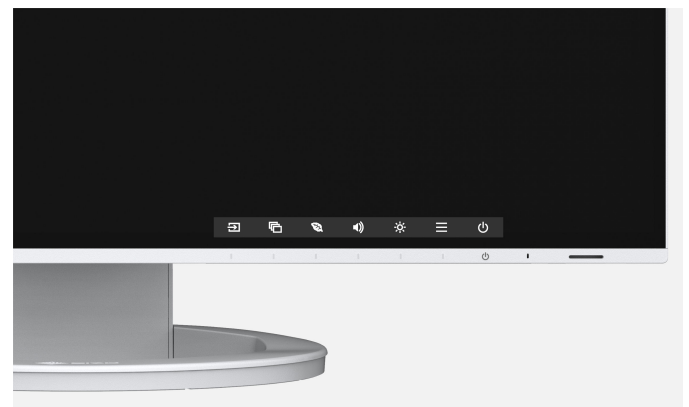
System administrators can centrally manage and control monitors connected in the network with Screen InStyle installed using

the Screen InStyle Server application. This optimises power consumption and simplifies asset management of the monitors.

[Learn more about Screen InStyle Server here.](#)

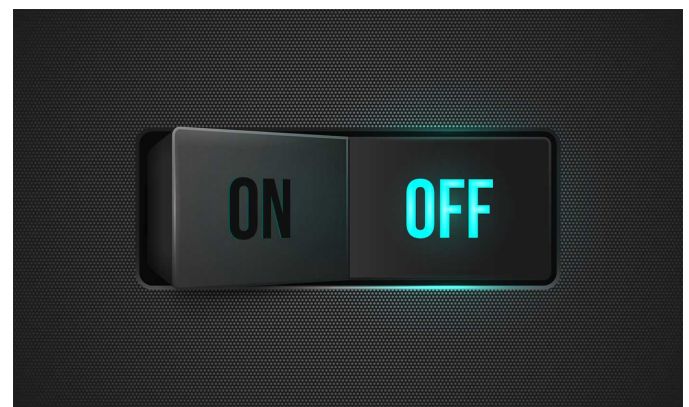
Operation made easy thanks to the Button Guide

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.



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 EV2781-BK 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.

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.



Socially responsible production

The EV2781-BK 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.

[Learn more about responsible corporate behaviour at EIZO here.](#)



Environmentally and climate friendly

Each EV2781-BK 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 (Corporate Social Responsibility) report.



Sustainable and durable

The EV2781-BK 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 EV2781-BK we paid attention to reducing resource consumption by using high-quality components and materials and being meticulous in production. The packaging of the EV2781-BK consists of cardboard box made of 85% recycled paper, while the transport padding is even 100% recycled material.



Features

Environmentally friendly use of materials

The EV2781-BK is made of more than 60% recycled plastic. This reduces the amount of plastic waste entering the environment, conserves resources and promotes the reuse of materials.

Reducing the use of volatile organic compounds (VOCs) in material production, such as those found in certain paints and varnishes, is also of global interest.

Through years of research, EIZO has succeeded in achieving a smooth, homogeneous colour and texture in its monitor housings without the use of varnish.



Environmentally friendly packaging

For the packaging of the EV2781-BK, EIZO says goodbye to plastic and polystyrene to reduce environmental impact. Instead, the monitor is securely packaged with moulded pulp made from recycled cardboard and newsprint. The enclosed cables are in cellulose cloths instead of plastic bags.



Left: conventional packaging / Right: environmentally friendly materials

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 EV2781-BK 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.

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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.	EV2781-BK
Case color	Black
Areas of application	Office, Gaming
Product line	FlexScan
EAN	4995047063438
Variants	EV2781-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	2560 x 1440
Pixel pitch [mm]	0.233 x 0.233
Pixel density [in ppi]	109
Resolution supported	2560 x 1440, 1920 x 1200, 1920 x 1080 (Full HD), 1680 x 1050, 1600 x 1200, 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	More than 1.06 billion hues/14-bit
Max. colour space (typical)	sRGB
Max. brightness (typical) [in cd/m ²]	350
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, DICOM, Movie, 2x additional memory spaces
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	✓
Picture-by-Picture	✓
Built-in speakers	✓
OSD language	de, en, fr, es, it, se
Adjustment options	Brightness, Contrast, Gamma, All EcoView functions, Colour saturation, Colour temperature/White point, Colour Mode, Colour tone, Overdrive, Volume, Signal input, Picture-by-Picture, OSD language, Scaling
Button Guide	✓
Integrated power unit	✓

Ports

Signal inputs	USB-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, 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: 31-89 kHz/59-61 Hz, DisplayPort: 31-89 kHz/59-61 Hz, HDMI: 31-89 kHz/49-51 Hz/59-61 Hz
Power consumption (typical) [in watt]	18
Maximum Power Consumption [in watt]	153 (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	D
Energy consumption/1000h [in kWh]	17
Power supply	AC 100-240V, 50/60Hz
Power management	✓

Dimensions & weights

Dimensions [mm]	611 x (369 - 545) x 230
Weight [in kilograms]	8.5
Dimensions without stand [mm]	611 x 357 x 56
Weight without stand [in kilograms]	5.7
Housing dimension details	Dimension drawing (PDF)
Swivel	344 °
Incline forward/backward	5 ° / 35 °
Pivot	90° (clockwise and anti-clockwise)
Height adjustment range [mm]	176.6
Hole spacing	VESA standard 100 x 100 mm

Certification & standards

Certification	CE, CB, UKCA, 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), 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, Signal cable USB-C – USB-C (5 A), Quick guide, Cable protection
Accessories	EIZO ScreenCleaner (for the best possible clean without scratching the monitor), HH200PR-K (HDMI (High Definition Multimedia Interface) cable), PM200-K (DisplayPort cable to transfer digital video and audio signals.), CC100-BK (Short USB-C port cable, 100 cm), CP200-BK (USB-C to DisplayPort cable, 200 cm), PP200-K (DisplayPort cable, 200 cm), PP100-K (Short DisplayPort connection cable, 100 cm), PCSK-03-BK (Thin client mount for the stand EIZO FlexStand 4/FlexStand 5)

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.