

TEST

EIZO FlexScan EV3240X

HIGH-CONTRAST OFFICE MONITOR

EIZO
FlexScan EV3240X

lite Verdict
2024

95/95
top class

www.lite-magazin.de

Precise colours



Best contrast
and high brightness



With practical comfort features, a wide range of connections and an excellent picture, the FlexScan EV3240X is designed to optimise your work.

EIZO FlexScan EV3240X

High-contrast office monitor with excellent sharpness and outstanding colour reproduction

EIZO has done it again: The FlexScan EV3240X is a convenient 32-inch monitor with extensive connection options, very good sharpness and excellent colour reproduction ex works. Our comprehensive test shows how the 4K monitor performs in practice.

It's not just us journalists who like it simple. Many users would also prefer a monitor that's really easy to operate. It starts with the structure. Everyone would like to take a ready-assembled device out of the box, place it on their desk and connect it to their PC - so that they can get started straight away. Then quickly adjust the screen to

the optimum position to avoid unpleasant head, neck or shoulder pain during prolonged use. If you also want to do without the usual tangle of cables on your desk - you not only benefit from a tidy workspace, but also gain more free space for documents, files and other professional material. This of course raises the question: Are these demands too high? Does such a monitor even exist? We recommend taking a look over at EIZO. The FlexScan EV3240X fulfils all of these wishes. It also has a lot more to offer.



The large 32-inch screen can be positioned securely and stably with the curved stand.

Fully assembled in environmentally friendly packaging

A while ago we already tested the smaller brother EIZO FlexScan EV2740X. This consists of just four individual parts that are put together without tools. But it can be even more convenient: EIZO placed our test device, the FlexScan EV3240X, completely assembled in a large box made of 85 per cent recyclable cardboard. The EV3240X itself is made from 80 per cent recycled plastic. It is wrapped in two protective films to prevent damage to the display whilst en route. Encased in confidence-inspiring thick cardboard, the 9.4 kg EIZO is then optimally protected during transport. We simply lift the entire monitor out of the box, place it on the crescent-shaped base and connect our notebook. Conveniently, the required USB-C cable is included in the scope of delivery - as is the relatively long power cable. Now the screen is perfectly aligned to our viewing habits. There's no need for anything else. The entire assembly takes less than two minutes.



The monitor is supplied fully assembled, but can also be attached to a wall bracket if required. The joint and height adjustment enable optimum alignment to the sitting position.

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Model: EIZO FlexScan EV3240X
Device category: Business monitor
Price: 1,340 euros
Guarantee: 5 years
Versions: Black
Distribution: Eizo Europe GmbH,
 Mönchengladbach
 02161 82100
www.eizo.de

Dimensions (H x W x D): 427-622 x 712 x 251 mm
Weight: 9.4 kg
Screen diagonal: 32 inch
Aspect ratio: 16:9
Image resolution: 3840 x 2160 Pixel
Refresh rate: max. 60 Hz
Panel type: IPS panel, LED backlight
Contrast: 2,000:1
Maximum brightness: 350 cd/ m²
Swivelling capability: 90 degrees
Inputs: 2 x HDMI
 1 x display port
 2 x USB-C
 1 x USB-B
 3 x USB-A
Outputs: 2 x 3.5 mm jack

Scope of delivery

1 x FlexScan EV3240X
 1 x power cable
 1 x USB-C cable
 1 x quick guide

Score

Picture quality (40%): 95/95
 Features (20%): 94/95
 Use in practice (40%): 95/95
Overall rating: 95/95
 Class: Spitzenklasse
 Value for money: sehr gut



The EIZO offers a wide range of options for both inputs and connection options for peripheral devices.

Connection and commissioning

All modern connections are available in the FlexScan EV3240X: Two HDMI inputs, one DisplayPort, USB-C and USB-B, LAN and three USB-A sockets to connect PC, notebook, mouse and other components. We find the two 3.5 millimetre stereo jack plugs practical for connecting headphones, for example. This allows you to take part in web conferences without disturbing your colleagues in the same room. Anyone creating artwork for posters or editing portrait photos can rotate the screen by 90 degrees. We did without it because the monitor - measuring 71.2 x 41.5 x 59 cm - is large enough to process portrait format images on the horizontally orientated display in an appealing size. Thanks to the USB upstream ports, the EIZO has an integrated KVM (Keyboard Video Mouse) switch. This offers the option of connecting a mouse and keyboard to the monitor, for example to operate two desktop PCs and a laptop. The monitor then automatically links the input devices with the source computer currently in use.

4K resolution and 32-inch picture

The EIZO FlexScan EV3240X has a native Ultra HD resolution of 3840 x 2160 pixels. That's four times as many pixels as a Full HD monitor (1920 x 1080 pixels) or more than twice as many as a QHD display (2560 x 1440 pixels). Thanks to a pixel density of 140 pixels per inch, virtually no individual pixels are recognisable on the screen. The picture appears almost like a photo on the 32-inch screen. Another major advantage of 4K UHD resolution is that much less scrolling is required because content is displayed more clearly and in greater detail. Rarely have we seen fonts so sharp and clear. The display of the FlexScan EV3240X is large enough to show a complete double-page spread in the layout program. There is also plenty of space for the tools of the image editing program. This is really advantages in Photoshop above all - because everything remains clearly organised on the generously sized screen.



If you want to fully utilise the 32-inch screen diagonal for any type of work, the EV3240X can also be aligned vertically.

Precise colours in the factory setting

When the EV3240X is switched on for the first time, "User 1" picture mode is active. Our measurement shows that the greyscale gradient is as if drawn with a ruler. That means that all gradations are displayed in neutral colours. However, the sRGB colour space is too large, as is already the case with its smaller brother. This makes the colours a little too bright. "sRGB" picture mode is better suited for precise colour representation. Red, green, blue, cyan, magenta and yellow hit their targets with pinpoint accuracy. It doesn't get any better than this. The greyscale is also perfect. Only the gamma deviates minimally from the target. But that's criticism at a very high level. Such minor deviations aren't actually relevant in practice. That means there's no need for an expensive measuring sensor or familiarisation with the software calibration program. The FlexScan achieves a colour display that borders on perfection without any modification.

Best contrast and high brightness

As part of our elaborate measurement procedures, we not only examine the colour representation, but also determine the contrast range. At 1850:1, this almost achieves the manufacturer's specification of 2000:1 with precise colours. This is an outstandingly good value for an IPS panel with LED backlighting. Added to this is the high luminous efficacy, which the manufacturer puts at 350 candela per square metre. This value is reached in the factory setting with "User 1". Though this isn't quite the case in our preferred "sRGB" colour mode with perfect colour reproduction. However, at 307 candela, the value here is still at a very high level that many other



The IPS panel with LED backlight offers excellent colour reproduction in "sRGB" mode. So you don't need to calibrate the screen yourself.

monitors do not achieve. As the sRGB standard specifies a luminance of 120 candela, there are sufficient reserves under optimum graphics conditions. But even in conventional offices with plenty of daylight, the EV3240X can show its true colours. Dark and light content in our photographs is perfectly differentiated and nothing is lost in black.

EIZO FlexScan EV3240X - Perfectly legible texts

As is usual with all monitor test reports, we're also writing this article on our test subject. Some readers may ask themselves: Is text in 4K still legible on a 32-inch monitor? Or are letters and numbers displayed far too small? - We can give the all-clear here: We can read large and small fonts perfectly on the desktop. This can also be done conveniently on various websites on the Internet. The font in Word is clearly recognisable on the EV3240X. Editing photos, screenshots and cover images is quick and easy because we can see all the details thanks to the 32-inch diagonal. The colour reproduction is excellent, which is why we were able to adjust the colours in no time at all. As it takes several hours to write the article, we can evaluate the ergonomics at the same time. Thanks to the optimal alignment of the display, working on the screen is very comfortable. Even after the work is done, you stay focussed and fit.

Good sound

Anyone who uses a monitor in their home office will watch a video on YouTube. Partly for professional reasons, but more for private entertainment. In the context of professional use, speech intelligibility is more important for video conferences and webinars. After all, you want to understand your dialogue partners well. EIZO has implemented two 2-watt speakers in the EV3240X. To our surprise, they sound really good for a monitor. Voices are reproduced clearly and distinctly, hissing is alien to the EIZO and male voices sound wonderfully sonorous. Even at higher levels, there's no droning. The highs and mids are very good, the presence range is pleasing with its naturalness. Of course, the speakers aren't capable



Additional USB ports and the two 3.5 millimetre sockets are installed on the side of the monitor for easier access.



With practically perfect colour reproduction, great sharpness, high brightness and good connectivity options, the FlexScan EV3240X impresses in all office tasks.

of powerful low bass. We don't expect that either. Nevertheless, feature films, trailers and music videos sound comparatively voluminous and natural. If you want even better sound quality, you can still use good headphones or a pair of compact active speakers.

Conclusion

With the FlexScan EV3240X, EIZO offers a 32-inch monitor for the office and home office that fully convinces with its 4K/UHD resolution, excellent sharpness and outstanding colour reproduction in sRGB. Adobe RGB isn't supported though. All the same, we like the ergonomics and variety of connections. In particular, the option of connecting a mouse and keyboard to the monitor makes it easier to work when several computers are connected. USB-C keeps your desk tidy because only one cable is needed to transmit the signal to the screen and charge the notebook at the same time. The sound reproduced by the integrated loudspeakers surprises with its natural sound. Ultimately, EIZO has so much confidence in the quality of the FlexScan EV3240X that they offer a five-year guarantee on the device and up to 30,000 hours on the LCD module. It even comes with a zero pixel error guarantee for six months. If you're looking for the best office monitor, you should definitely take a look at the EIZO EV3240X.

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