

mikromedia HMI 4.3" Cap

PID: MIKROE-2280


Weight: 150 g


A smart display solution, **mikromedia HMI 4.3" Cap** has a **480x272px** color display with a capacitive touch panel on the front, and a powerful **FT900Q** 32-bit MCU with additional essential circuitry on the back - making it a standalone but cost-effective solution suitable for industrial applications.

Quantity

1  

 **Add to Cart**

 Looking for customized version of this product?

 If you have other questions about this product contact us here.



⊕ Hover to zoom



DESCRIPTION

SPECIFICATION

COMPARISON

Table of contents

mikromedia HMI boards are driven by **FTDI Chip's FT900Q** with their proprietary **32-bit RISC core** with industry-leading performance. With execution from shadow memory, the MCU can achieve speeds of **3.1 DMIPS/MHz at 100 MHz**. FT900Q has 256KB of Flash memory, a small part of which is taken by the **built-in bootloader**.

The concept of mikromedia HMI is to keep only the essential components that simplify its integration into a final product, whilst keeping overall costs down.

The board integrates a **microSD card** for expanding storage capacity, a **haptic feedback motor**, small **audio speaker**, and a **micro USB connector**. A connector for interfacing the MCU with external electronics, along with a separate connector for FT900Q's **parallel camera interface**.

mikromedia for HMI 4.3" Cap has a high-quality **Riverdi display** with **16.7M color depth** and **550 NIT brightness**. The display is driven by a **FT813 graphic controller**. A **mounting frame** surrounding the screen simplifies integration.

Tutorial on learn.mikroe.com | Code for demo example on [Libstock](#) | Schematics on [documentation page](#).

Extras. **mikromedia HMI breakout board** (sold separately) contains a micro USB port, an RJ-45 ethernet connector, as well as an external programmer connector (ideally used with **mikroProg for FT90x**). Two 24-pin flat cables are included in the packaging, enabling the use of both mikromedia HMI connectors at the same time (MAIN, CAMERA).

PRODUCTS IN THE SAME CATEGORY

Subscribe to our newsletter:



By subscribing to newsletter you agree to our terms and conditions and the privacy policy.

Follow us on:



PRODUCT LINES

[click Boards™](#) | [Compilers](#) | [Development Boards](#) | [Smart Displays](#) | [Programmers](#) | [Development Kits](#) | [Customization](#)

TOOLCHAINS

[PIC](#) | [dsPIC](#) | [PIC32](#) | [ARM](#) | [AVR](#) | [FT90x](#) | [8051](#)

COMPANY

[About us](#) | [Contact](#) | [Support](#) | [Distributors](#) | [Careers](#) | [Internship](#) | [Make a click™ program](#)

To give you the best possible experience, this site uses cookies. Using our site means you're agreeing to our use of cookies. We have published a new cookie policy, which you should read to find out more about the cookies we use. [View cookies policy.](#)

Got it!

Copyright© 2018 MikroElektronika d.o.o. | [Terms and Conditions](#) | [Privacy Policy](#)