

# mikromedia HMI 7" UXW

**PID:** MIKROE-2292

**Weight:** 330 g

A smart display solution, **mikromedia HMI 7" UXW** has a **800x480px** color display with a capacitive touch panel and decorative white bezel 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.



⊕ Hover to zoom



Quantity

1

**Add to Cart**

Looking for customized version of this product?

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

## 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 5" UXW 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](http://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](#)