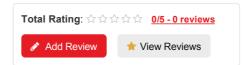⊕ Hover to zoom

mikromedia Plus for FT90X
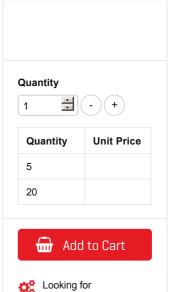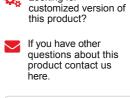
PID: MIKROE-2385

Weight: 270 g

mikromedia Plus for FT90x is a smart programmable touch display packed with peripherals, which can be used as a user frontend dashboard or a control interface for entire machines. It includes Fast FT900 microcontroller with 256KB of Flash, 256KB of shadow RAM, operating at 100 MHz. Execution from shadow RAM gives it 3.1 DMIPS/MHz.

mikromedia PLUS for ft90x

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DESCRIPTION	SPECIFICATION	TUTORIALS	REVIEWS

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mikromedia Plus for FT90X

Start building your applications with intuitive, user-friendly menus and dashboards using powerful FT900 microcontroller. This board provides a compact high-quality multimedia development platform for FT900 device.

Fast and furious

Fast FT900 microcontroller with 256KB of Flash, 256KB of shadow RAM, operating at 100 MHz. Execution from shadow RAM gives it 3.1 DMIPS/MHz.

Large 4.3" Touch Screen

See the big picture. A 4.3" touch screen driven by FT810 graphics controller from FTDI delivers crystal sharp image in 480x272px resolution.

2.4GHz RF transceiver

Nordic's nRF240L01+ transceiver with active chip antenna will make you forget about wires. Drive it with simple SPI commands. It that easy.

A whole lot of modules

Board has it all: USB connector, temperature sensor, PIN photosensor, IR receiver, accelerometer, battery charger, MP3 codec, audio speaker, etc.

Programming

On-board microcontroller is preprogrammed with fast USB HID bootloader, so it's ready to work right out of the box. You don't have to spend a dollar more on programmers. If you need a debugger use mikroProg for FT90x.

Compilers

Mikromedia Plus for FT90x is fully supported by mikroC, mikroBasic and mikroPascal compilers for FT90x. Compilers come with dozens of examples that demostrate every feature of the board.

GUI design with Visual TFT

Easily create fantastic colourful graphical user interfaces (GUI) for mikromedia in Visual TFT software. Even total beginners will be able to create amazing applications.

Package Contains

▸ Damage resistant protective box

▸ mikromedia PLUS for FT90x board in antistatic bag

▸ USB cable, microSD card 2GB and 3 headers (2x5 and a pair of 1x26)

Downloads

📄 mikromedia PLUS for FT90x mikrobootloader

📄 mikromedia PLUS for FT90x AutoCAD file

mikromedia PLUS for FT90x Documentation 🔗

mikromedia Plus for FT90X Examples v220

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