

NESO 5.7 open frame | NESO 7.0 open frame

The new Class for the Mass.

NESO is based on the Freescale i.MX27 ARM926 CPU and offers contemporary 400 MHz as well as MPEG decoding (H.263/H.264) in D1 quality. The user receives an up-market memory setup (128 MB DDR-RAM / 256 MB Flash memory) that offers – together with the SDHC compatible SD card reader – sophisticated applications. NESO is available in two versions, either a 145 mm VGA TFT or 178 mm WVGA TFT. Both are equipped with an analogue resistive touch screen.

As standard, NESO features the most important interfaces for Ethernet, USB host and OTG, 2x RS-232 (multiplexed), RS-485, SPI/keypad (multiplexed) as well as speaker connectors. By endowing the unit with an optional multi-drop-bus interface (MDB), we offer our vending machine customers a great platform for innovative concepts.

Just like the JUPITER series, NESO displays a fine understanding of application developers' needs, too. Starter kits with preinstalled ROM images for ▶ Windows CE or ▶ Linux as well as optimized driver and support packages simplify the project entry.

Features

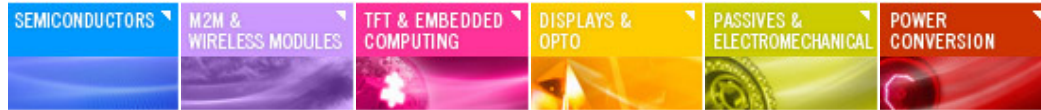
- 145 mm VGA or 178 mm WVGA-TFT
- Open frame design
- 400 MHz i.MX27 ARM926 CPU
- 128 MB DDR-RAM / 256 MB Flash memory
- SDHC compatible SD card reader
- USB, RS-232, RS-485, SPI, opt. MDB, Ethernet, Audio
- Windows CE and/or Linux support
- Starter Kits

Applications

- Industrial Control
- Human-Machine-Interface
- Multimedia
- Point of Sales
- Medical Technology



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Our Starter Kits are "allround no-worry packages" and will enable you to start your project development immediately. This means, not only all the cables are included, but also BSPs, SDKs, sample code and documentation stored onto a USB stick.

Available NESO Starter Kits:

- Starter Kit NESO 5.7 open frame, with 145 mm VGA display Order Code 10109
- Starter Kit NESO 7.0 open frame, with 178 mm WVGA display Order Code 10110

Both Starter Kits come with a safe case and all necessary cables.

- NESO device, version as per order
- Pre-installed Windows Embedded CE 6.0
- Linux Image
- Acryl glass stand for presentation and proper working place
- AC adaptor
- Cross-over network cable
- USB connection cable
- USB memory stick with BSP, SDK, sample code etc.
- Quick guide

