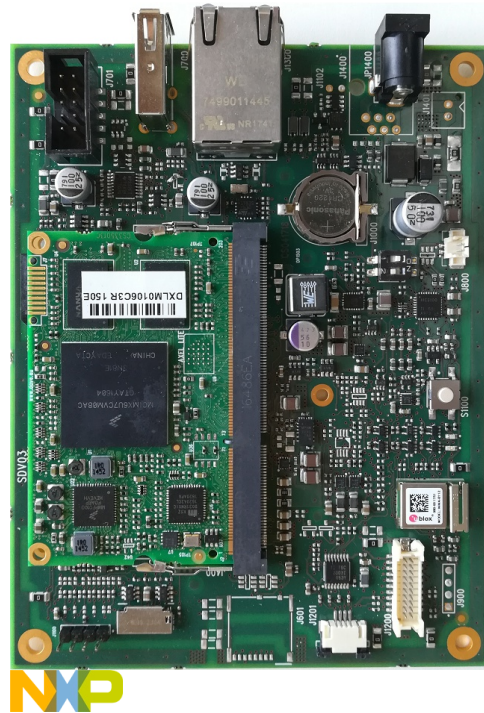


- SOM:
 - AXEL Lite based on NXP i.MX6 Solo-Dual-Quad-core Cortex-A9
 - AXEL ULite based on NXP i.MX6 UL Cortex-A7
- STORAGE eMMC on board for all sizes
- SD card
- USB Host and Device
- SERIAL: RS232
- ETHERNET: 1x10/100Mbps
- DISPLAY: Single and dual LVDS interface
- TOUCH: capacitive
- AUDIO: Stereo OUT and MIC in
- DIMENSIONS: 85x156mm - Standard DIN (10modules)
- PSU: 12-24 VDC
- Designed for industries:
 - HMI's, SMART VIDEO devices, Digital Signage Platforms

SDV03 board

all-in-one solution

NXP i.MX6 Solo-Dual-Quad core
Embedded SINGLE BOARD COMPUTER



yocto
PROJECT
ubuntu

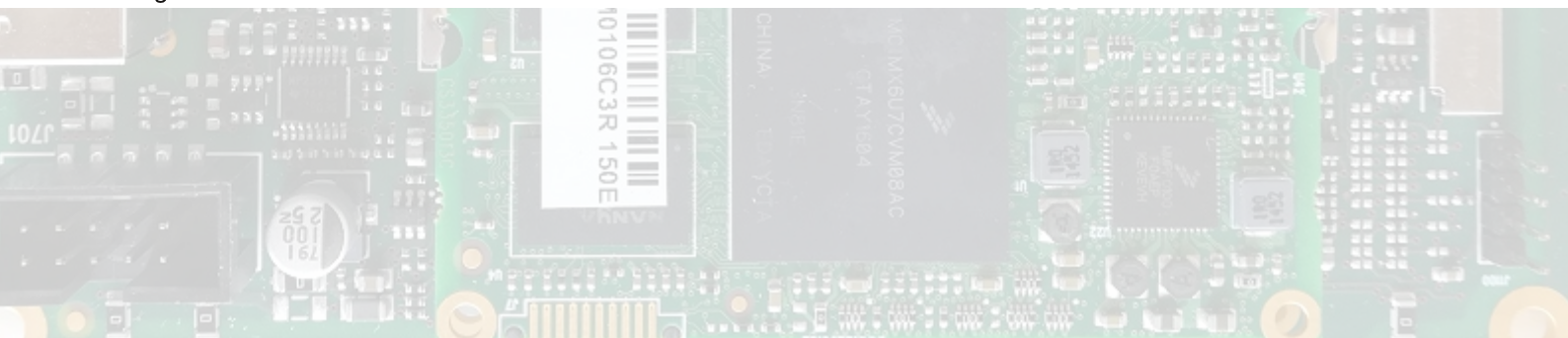


LOGIC LAB
IEC-61131 PLC runtime

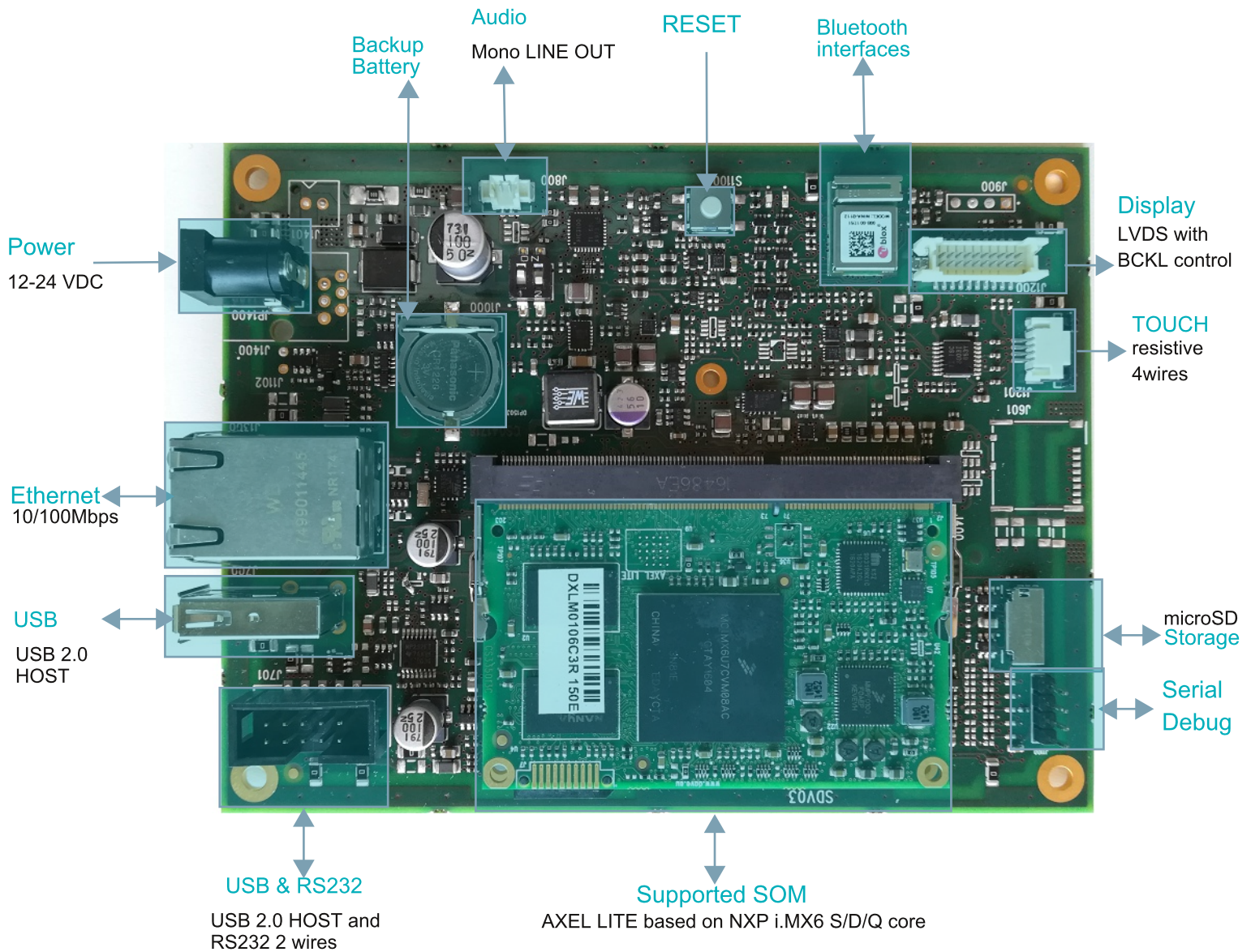


SDV04 board is part of DAVE Embedded Systems' portfolio of Single Board Computer solutions. It is based on AXEL Lite and AXEL ULite System On Module based on NXP's System On Chip. SDV04 board Single Board Computer has a 10 Modules DIN Bar and can be configured in order to be boxed with a finished product shape. This Single Board Computer is designed for long-term availability within the industrial qualification. EU or other countries' official certification is an optional for this Single Board Computer. The SDV04 board Single Board Computer has a SDV04 board. This Single Board Computer has a wide range of peripherals available: Ethernet 10/100, SD card, USB Host and device, Serial connection RS232, Single and Dual LVDS display ports and audio and microphone input. The Single Board Computer hosts onboard the AXEL Lite or AXEL ULite System On modules which integrate up to 2GB RAM size and an eMMC with large storage size.

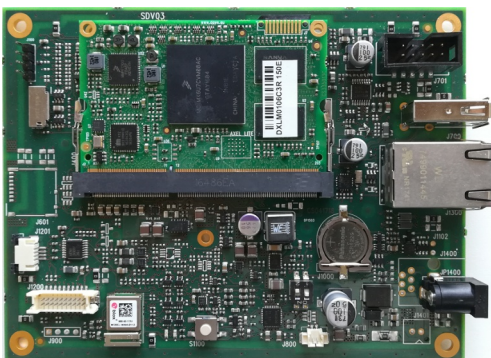
The SDV04 Single Board Computer has a number of expansion connectors useful also as an evaluation kit for the AXEL Lite and AXEL ULite System On module. The SDV04 board Single Board Computer is provided within a Software Development Kit which enables customers to get complete control of the board. The Software Development Kit is called DESK DAVE Embedded Software Kit and it is based on the NXP official Software Development Kits. DESK provides access to the source code of both the bootloader and the Linux Kernel. Due to this is a Single Board Computer, a complete distro is available for this solution avoiding any time waste for customers who trust in our SW development at BSP level. The distro includes a Root File System which includes the most important software packages available in the market (such as QT, Python,)



Technical Specifications



Mechanical Size



- CE mark (Industrial grade) ready to use solution
- Ready to use for integration behind a display
- DAVE Embedded Systems is available for design the enclosure

Product Code Configurator

Please contact our sales office for define a P/N and get a quote



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All features and specifications subject to change without notice.



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