

▶ nanoETXexpress-HMI Starterkit



- ▶ Complete Kit for latest COM Express™ Technology
- ▶ Equipment for express evaluation purposes
- ▶ Includes all connectors and cables for a quick start
- ▶ Fully COM Express™ Type 1 compliant

Product Overview

nanoETXexpress is the new Module concept of the open Standard COM Express™ (by PICMG®). The nanoETXexpress Starter kit is designed to give you a head start. In the Starter kit you will find the nanoETXexpress HMI Baseboard to provide an easy connection to the nanoETXexpress module. Working in a low power range between 4,75V – 14V, the ETXexpress® HMI Baseboard fulfils all user

requirements. The Baseboard offers 2x SerialATA, Ethernet RJ45 port, USB, HD Audio and VGA interfaces.

The Starterkit also includes a 7" WVGA display (800 x 480) incl. adapter, JILI 40 flatfoil cable, touch panel, 1x COM cable, 2x CAN cable, 1x VGA cable, 2x USB cable, Power supply and a adapter incl. cable for audio S/PDIF, Line In / Out.



Technical Information

Baseboard
nanoETXexpress HMI Baseboard Small form factor 120 x 70 mm; Max component height below 18mm. For more technical information: <ul style="list-style-type: none"> ▶ datasheet - nanoETXexpress-HMI Baseboard ▶ www.kontron.com/nanoetxexpress
Display
1x Display PM070WL4, 7" WVGA 800x480, with assembled backlight cable
Power Supply
12V PowerSupply PAA060F, with power cable

Cables
2x USB socket, KAB-USB-1
2x CAN socket, KAB-CAN-1 (one for COM2/one for CAN)
1x CRT socket, KAB-VGA-2
1x RS232 socket (COM1), KAB-DSUB9-3
1x RS485 socket (COM2)
1x JILI cable, KAB-JILI30-TSLD01
1x USB cable for touch controller, ETP-CB-SXU00
Other Features
1x USB touch controller, ETP-MB-4000UACG
1x Audioboard, B08700-KAB-XX-XX01, with cable

Ordering Information

Article	Part.-No.	Description
For a complete delivery with customer samples following articles are necessary:		
nanoETXexpress-HMI Starterkit	34100-0000-00-S	nanoETXexpress-HMI Starterkit, incl. nETXe-HMI Board 34100-0000-00-0, 7" WVGA Panel with touch, 12V power supply, cables and accessories, packed in plastic case
Heatsink-nanoETXexpress	34001-0000-99-0C01	Heatsink for nanoETXexpress
optional		
nanoETXexpress-SP 256MB w/o LAN	34001-2525-11-0	nanoETXexpress-SP with Intel® Atom™ 1,1GHz and Intel® System Controller Hub US15W, 256MB DDR2 SDRAM, 256MB onboard Flash drive, w/o LAN
nanoETXexpress-SP 512MB	34001-5151-11-1	nanoETXexpress-SP with Intel® Atom™ 1,1GHz and Intel® System Controller Hub US15W, 512MB DDR2 SDRAM, 512MB onboard Flash drive, GBit LAN
or		
nanoETXexpress-SP 2GB	34001-5120-16-1	nanoETXexpress-SP with Intel® Atom™ 1,6 GHz and Intel® System Controller Hub US15W, 512MB DDR2 SDRAM, 2GB onboard Flash drive, GBit LAN,

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