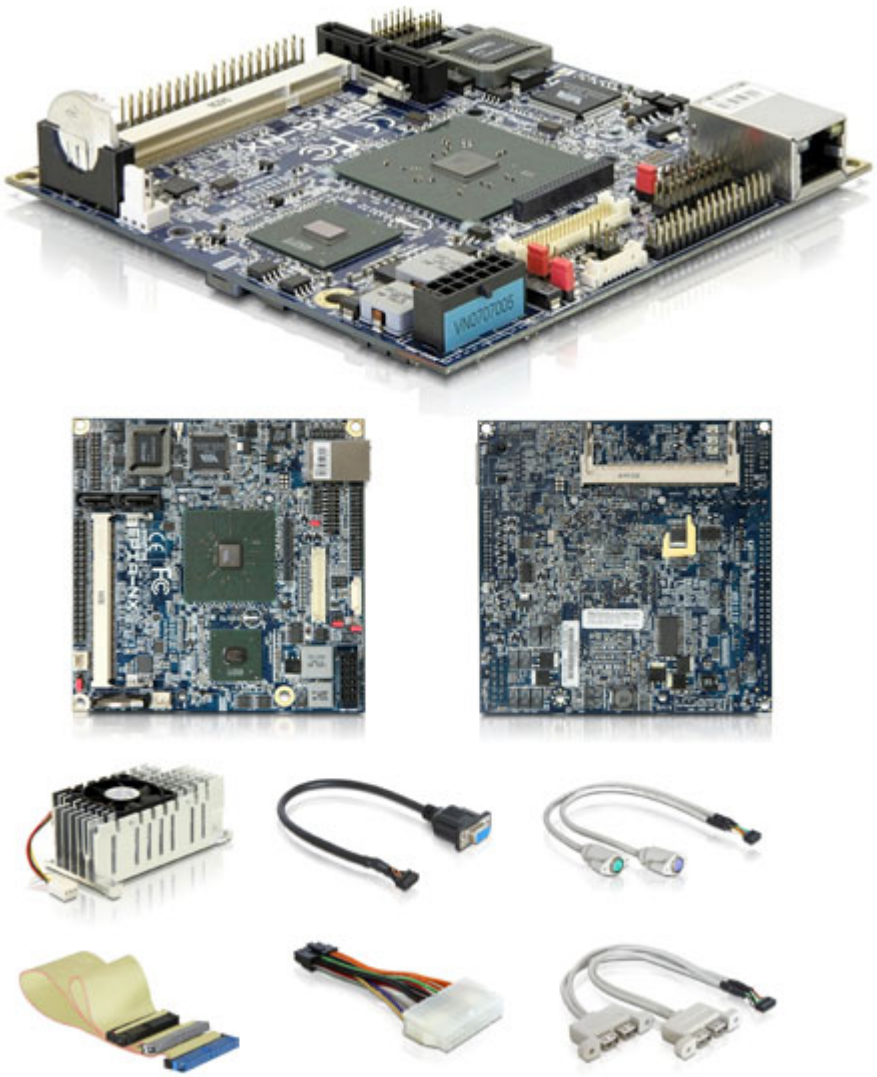

999.00 EUR
incl. 19% VAT, plus shipping

Designed for ultra compact embedded systems with demanding digital media requirements, such as slimline LCD PCs and digital signage, small yet powerful set top boxes and next generation car PCs, the VIA EPIA NX-series Nano-ITX mainboard boasts the latest generation 1.5GHz VIA C7® processor, or 1.2GHz VIA Eden™ processor for the fastest fanless configuration.

Packed full of advanced multimedia features through the VIA CX700M2 system media processor, the all-in-one digital media IGP chipset integrating the VIA UniChrome™ Pro II 2D/3D graphics core and an extensive array of high end audio and video technologies, including Vinyl Multi-channel HD audio, hardware MPEG-2/-4 and WMV9 video decoding acceleration, and a built-in HDTV encoder up to 1080i for HD DVD playback for the richest entertainment experience.

Measuring just 12cm x 12cm, the powerful, feature-rich yet highly power efficient VIA EPIA NX Nano-ITX embedded board supports the 400MHz VIA V4 bus and integrates the VIA PadLock Security Engine, and with all the performance for today's digital media technologies and with an I/O targeted at the consumer electronics market.

The VIA EPIA NX Nano-ITX mainboard features two Serial ATA connectors for faster storage access, an Ethernet port for seamless broadband connectivity with the optional upgrade of Gigabit Ethernet, and supports up to 1GB of DDR2 400/533MHz SO-DIMM memory.

Model Name	VIA EPIA NX15000G
Processor	VIA C7® 1.5GHz NanoBGA2
Chipset	VIA CX700M2 Unified Digital Media IGP Chipset

System Memory	1 x DDR2 533 SODIMM socket Up to 1GB memory size
VGA	Integrated VIA UniChrome™ Pro II 3D/2D AGP graphics with MPEG-2/4 and WMV9 decoding acceleration
Expansion Slots	1 x mini-PCI slot
Onboard IDE	1 x UltraDMA 133/100/66 connector (40-pin pin header)
Onboard Serial ATA	2 x SATA connectors
Onboard LAN	1 VIA VT6107 10/100 Mbps Ethernet controller Or manufacturing option for VIA VT 6122 Gigabit Ethernet controller
Onboard Audio	VIA VT1708A High Definition Audio Codec
Onboard TV Out	Integrated HDTV Encoder
Onboard I/O Connectors	1 x USB pin connector for 6 additional USB 2.0 ports 1 x LPC connector 1 x LVDS pin connector, for 18/24-bit dual channel LVDS panel 1 x Module connector to support 2nd 18/24-bit dual channel LVDS panel (an add-on card is required) 1 x TV Out pin connector for Composite, S-Video and Component (YPbPr) 1 x Video connector for VGA output, CCIR656/601 video input and SMBus 1 x Audio pin connector for Line-out, Line-in, Mic-in and S/PDIF out 1 x PS2 mouse/keyboard pin connector 2 x Fan pin connectors: CPU/Sys FAN 1 x Nano-ITX power connector
Back Panel I/O	1 x RJ45 LAN port
BIOS	Award BIOS 4/8Mbit flash memory
Operating System	Windows XP, Linux, Win CE, XPe
System Monitoring & Management	Wake-on LAN, Keyboard Power-on, Timer Power-on System power management AC power failure recovery
Operating Temperature	0°C ~ 50°C
Operating Humidity	0% ~ 95% (relative humidity; non-condensing)
Form Factor	Nano-ITX (8-layer) 12 cm x 12 cm
Special Features	2 Dual-Channel LVDS Panel support. (with one daughter card needed for the additional LVDS Panel)