

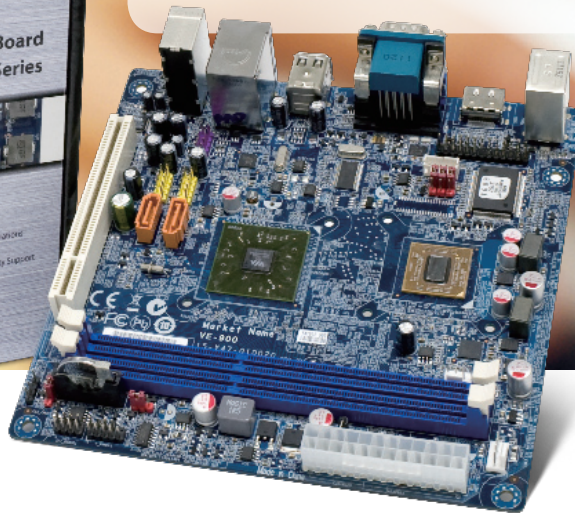


VIA Desktop Board VE-900 Multicore Series

The VIA VE-900 board is a high performance, enhanced function motherboard with an onboard VIA Nano™ X2 1.4GHz processor for the personal desktop market.

This dual core Mini-ITX board is based on the VIA® VX900 express chipset for the ultimate desktop platform solution. Built with a low power single-chip, this board supports a Front Side Bus (FSB) frequency of 800MHz and its memory controller enables DDR3 memory DIMM frequencies of 1066/800. It provides two DDR3 sockets with a maximum memory of up to 8 GB. It also supports one PCI slot and implements an EHCI compliant interface that features eight USB 2.0 ports (four USB 2.0 ports and two USB 2.0 headers support additional four USB 2.0 ports).

This compact, highly integrated board is power-efficient, affordable and high-performance in a compact 170mm x 170mm size, allowing you the ultimate in small chassis flexibility.



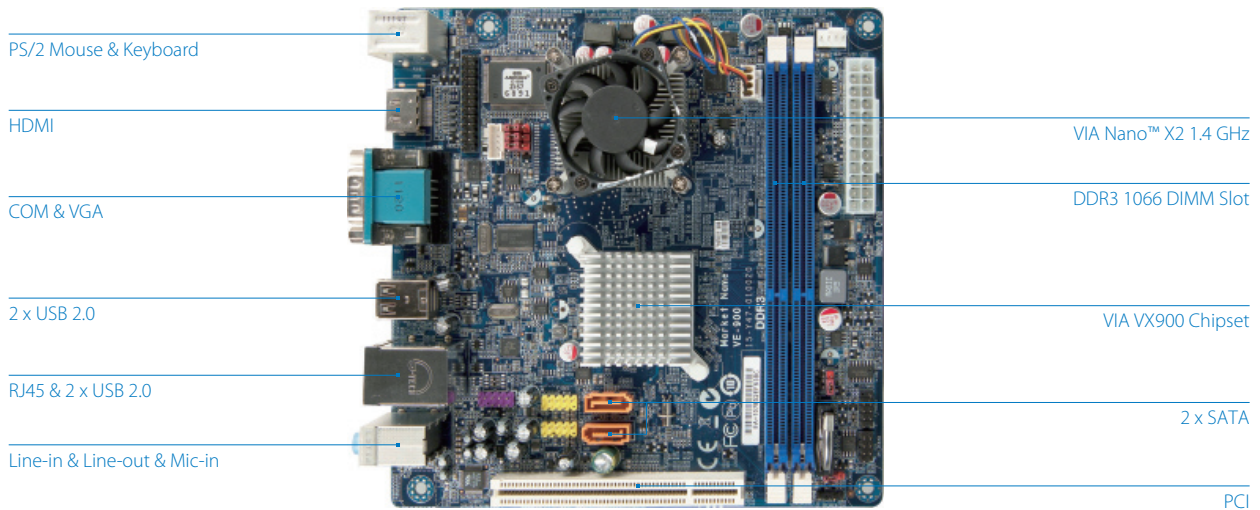
Nano™ X2 Dual Core Mini-ITX Board

Features

- VIA Nano™ X2 dual core processor
- High-bandwidth DDR3 1066 memory support up to 8GB
- Integrated VIA Chrome9 HD DX9 3D/2D graphics with H.264 decoding acceleration
- Provides four USB 2.0 ports and an additional four as pin headers
- Two onboard SATA connectors
- Multiple I/Os: HDMI, VGA, GigabitLAN, PCI slot and COM port
- Supports Microsoft Windows 7 & XP



Board Placement



Specifications

Model Name	VE-900
Processor	1.4GHz VIA Nano™ X2
Chipset	VIA VX900 Media System Processor, no HDCP
System Memory	2 x DDR3 1066 DIMM sockets Up to 8GB memory size The real memory size may show less than 8GB due to some capacity are used for BIOS or other functions
VGA	Integrated VIA Chrome9™ HD DX9 3D/2D graphics with VC1, MEPG-2, WMV9 and H.264 decoding acceleration
Onboard Serial ATA	2 x SATA connectors
Onboard LAN	1 x Realtek RTL8111E 10/100/1000M Fast Ethernet
Onboard Audio	1 x VIA VT1708S Audio Codec
Onboard Super IO	ITE-IT8721F
Onboard I/O Connectors	1 x PCI slot 1 x Front-panel pin header 1 x CPU/System fan connector 1 x Front-audio pin header for Line-out/MIC-in 1 x Header for speaker 1 x LPT pin header 1 x ATX power connector (24 pins) 2 x USB pin header for 4 USB 2.0 ports
Rear Panel I/O	1 x HDMI port 1 x GigabitLAN port 1 x VGA port 1 x COM port 1 x PS/2 keyboard and mouse port 3 x Audio jacks for Line-In, Line-out and MIC-in (vertical) 4 x USB 2.0 ports
BIOS	AMI BIOS 8Mbit SPI flash memory
Operating System	Windows 7 & XP
Power	ATX connector
Operating Temperature	0°C ~ 45°C
Form Factor	Mini-ITX 17 cm x 17 cm
Compliance	CF/FCC/RoHS

Packing List

Items
2 x SATA cables
1 x I/O bracket
1 x Driver CD
1 x QSG (quick setup guide)



For ordering information, please visit
www.via.com.tw

■ Taiwan Headquarters

VIA Technologies, Inc.
8F, 533, Zhongzheng Rd.,
Xindian Dist.,
New Taipei City 231,
Taiwan
Tel: 886-2-2218-5452
Fax: 886-2-2218-5453
mkt@via.com.tw

■ USA

VIA Technologies, Inc.
940 Mission Court,
Fremont, CA 94539,
USA
Tel: 1-510-683-3300
Fax: 1-510-687-4654

■ Europe

VIA Technologies GmbH
In den Dauen 6,
53117 Bonn
Germany
Tel: 49-228-688565-0
Fax: 49-228-688565-19

■ China

VIA Technologies Co., Ltd.
Tsinghua Science Park
Building 7
No.1 Zhongguancun East
Road, Haidian District,
Beijing, 100084 P.R.C
Tel: 86-10-59852288
Fax: 86-10-59852299

■ Japan

VIA Technologies, Japan K.K.
3-15-7 Ebisu MT Bldg. 6F,
Higashi, Shibuya-ku,
Tokyo 150-0011 Japan
Tel: 81-3-5466-1637
Fax: 81-3-5466-1638

■ Korea

VIA Technologies, Korea
2F, Sangjin Bldg., 417
Dogok-Dong,
Gangnam-Gu, Seoul
135-854 Korea
Tel: 82-2-571-2986
Fax: 82-2-571-2987