

Segment Boards

VIA NAB 7400 NAB 7410

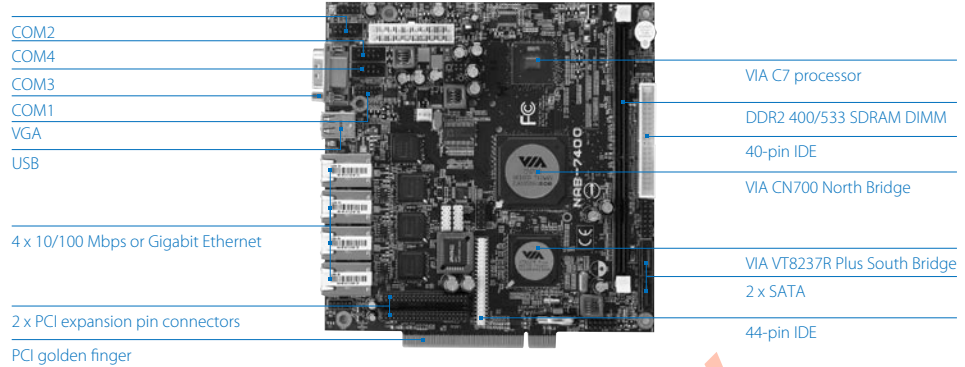
Mini-ITX Like Board with C7®,
4 COM Ports, 8 USB and
GigaLAN

Features

- Supports DDR2 400/533 SDRAM DIMM
- Supports four COM ports
- Supports four 10/100 Mbps or Gigabit Ethernet
- Supports two SATA
- Supports eight USB 2.0
- Support PCI extension pin connector for optional BXB (Bus eXpansion Board) add-on board



Board Placement

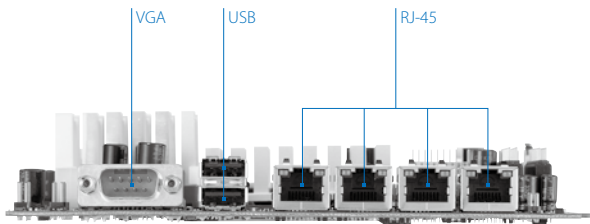


Specifications

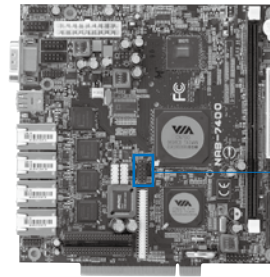
Model Name	NAB 7400	NAB 7410
Processor	1.0GHz VIA C7®	1.0GHz VIA C7®
Chipset	VIA CN700 North Bridge VT8237R-Series South Bridge	
Onboard LAN	4 x Intel 82511ER Fast Ethernet PCI controllers	4 x Intel 82541GI of Gigabit Ethernet controllers
System Memory	1 DDR2 400/533 DIMM socket Up to 1GB memory size	
VGA	Integrated VIA UniChrome™ Pro AGP graphics with MPEG-2 decoding acceleration	
Expansion Slots	1 x PCI expansion pin connector 1 x 32-bit PCI golden finger	
Onboard IDE	2 x UltraDMA 133/100/66 connectors	
Onboard I/O Connectors	1 x VGA pin connector 1 x Digital I/O pin connector 1 x PS/2 pin connector for keyboard and mouse 2 x PCI extension pin connectors (for BXB-01 add-on card) 1 x Front panel pin connector 1 x Front panel LED pin connector for the LAN activity indicators of Ethernet and wireless 2 x Fan pin connectors: CPU/Sys FAN 2 x SATA connectors 3 x USB pin connectors for 6 additional USB 2.0 ports (1 port for VNT USB wireless LAN module) 3 x Serial port pin connectors for COM2/3/4 1 x ATX power connector	
Back Panel I/O	1 x Serial port 4 x RJ-45 LAN ports 2 x USB 2.0 ports	
BIOS	Award BIOS, LPC 4/8Mbit flash memory	
Operating System	Windows 2000/XP, Linux, Win CE, XPe	
System Monitoring & Management	CPU voltage monitoring Wake-on LAN, Keyboard Power-on, Timer Power-on Watch Dog Timer, FAN control System power management, AC power failure recovery	
Operating Temperature	0°C - 50°C	
Operating Humidity	0% ~ 95% (relative humidity; non-condensing)	
Form Factor	6-layer PCB 17 cm x 17.8 cm	

* The Product is only available for special project. Please contact your regional sales representative for more details.

Back Panel I/O



Accessories



BXB-01
Bus expansion card



WLAN USB Module
802.11 b/g standards

Ordering Information

Model Name	CPU Frequency	Description
NAB 7400	1.0GHz C7®	Mini-ITX like Fanless Board with 1.0GHz C7®, 4 COM ports, USB 2.0 and 4 LAN
NAB 7410	1.0GHz C7®	Mini-ITX like Fanless Board with 1.0GHz C7®, 4 COM ports, USB 2.0 and 4 GigLAN

Block Diagram

