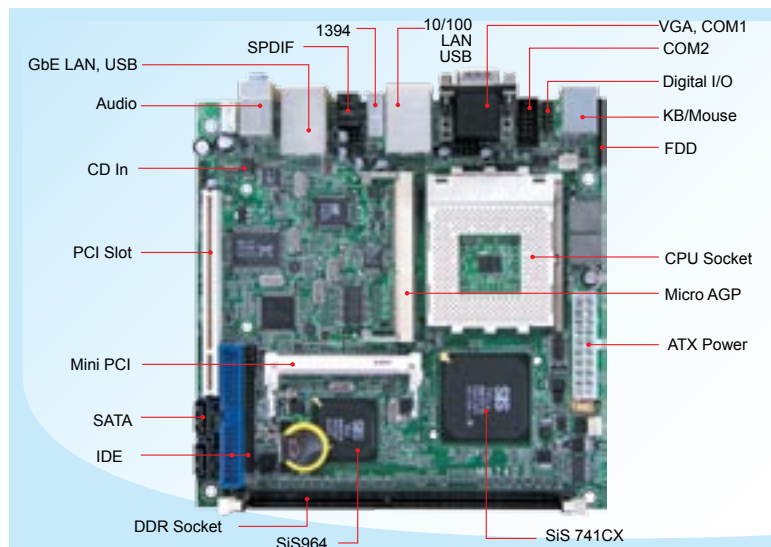


IPC Motherboards MB740

AMD Geode NX Mini-ITX Motherboard w/ SiS 741CX Chipset

AMD Geode NX-Based



>> Features

- Socket A for AMD Geode NX processors
Up to 1.4GHz speed, 133MHz FSB
- DDR DIMM x 1, Max. 1GB, DDR266/333
- Onboard 10/100 and Realtek 8110S Gigabit Ethernet
- Integrated SiS 741CX CRT VGA, optional LVDS
- 2 x SATA, 6 x USB 2.0, 2 x COM, Watchdog timer
- 1394, 1 x PCI slot, 1 x Mini PCI slot
- Optional TV-out/TMDS or CRT2 MAGP card

System

CPU	Socket A (462-pin) for AMD Geode NX, up to 1.4GHz
System Memory	DDR DIMM x 1, Max. 1GB, DDR333
System Chipset	SiS 741CX + SiS 964
BIOS	Award
Watchdog Timer	256 levels
SSD	Optional CF socket (on solder side via IDE2)
H/W Monitor	Yes
Expansion Slot	1 PCI, 1 Mini PCI, 1 MicroAGP

Graphics

VGA Controller	SiS 741CX integrated for CRT
VGA Memory	Shared memory Max. 64MB
LCD / TV-out / DVI	Optional SiS 302LV MicroAGP card supports 18/24-bit dual channel LVDS or TV-out; Optional SiS 301 MicroAGP card supports TMDS interface or CRT2

Ethernet

Controller	SiS 964 built-in 10/100 and optional Realtek RTL8110S-32 Gigabit LAN
Connector	RJ-45 on board

Multi I/O

Chipset	SiS 964, ITE 8705 IDE1 (UDMA33/66/100), IDE2 (44-pin UDMA33), 1x slim FDD, 1x KB, 1x Mouse, 2x RS-232, 2x SATA
USB	4 ports on board Pin header for 2 ports (USB 2.0)
Audio	SiS 964 built-in audio + AC97 codec, SPDIF support 2W+2W volume amplifier
Others	Optional 1394, ATX power connector

Mechanical and Environmental

Dimensions	170mm x 170mm (6.7" x 6.7")
Max. Power Requirement	AMD Geode NX 1GHz w/ 512MB DDR +3.3V: 0.88A +5V: 3.11A +12V: 3.91A
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-68°F~176°F)
Relative Humidity	10%~90% (non-condensing)

Ordering Information

MB740-R	Socket A, SiS 741CX, Mini-ITX w/ 10/100 LAN, SATA (RoHS compliant)
MB740F-R	Socket A, SiS 741CX, Mini-ITX w/ 10/100 LAN, Gigabit LAN, 1394, SATA (RoHS compliant)
IBA140-302-R	SiS 302LV MicroAGP card for dual-channel 18/24-bit LVDS or TV-out (RoHS compliant)
IBA140-301-R	SiS 301 MicroAGP card for TMDS/DVI or CRT2 (RoHS compliant)

Remarks:

* Specifications are subject to change without prior notice.