



System

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| CPU | Socket A (462-pin) for AMD Geode NX, up to 1.4GHz |
| System Memory | 1x DDR DIMM, 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 | 1x PCI, 1x Mini PCI, 1x MicroAGP |

Graphics

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|--------------------|---|
| 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 |

LAN

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

Multi I/O

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| 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 |

Features

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

Mechanical and Environmental

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|------------------------|--|
| 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 (-4°F~176°F) |
| Relative Humidity | 10%~90% (non-condensing) |

Ordering Information

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| MB740-R | Socket A, SiS 741CX, Mini-ITX w/ 10/100 LAN, SATA |
| MB740F-R | Socket A, SiS 741CX, Mini-ITX w/ 10/100 LAN, Gigabit LAN, 1394, SATA |
| IBA140-302-R | SiS 302LV MicroAGP card for dual-channel 18/24-bit LVDS or TV-out |
| IBA140-301-R | SiS 301 MicroAGP card for TMDS/DVI or CRT2 |
| IP115 | Riser card with 1x PCI (see page 34) |
| IP151-R | Riser card with 2x PCI (see page 34) |
| IP340 | Riser card with 2x PCI (see page 34) |
| IP450-R | Riser card with 2x PCI (see page 35) |
| CM1203 | Chassis for Mini-ITX motherboard, regular type (see page 120) |

Remarks:

* Specifications are subject to change without prior notice.