



System

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| CPU | AMD Geode™ LX (LX800 @500MHz, LX700 @433MHz) |
| System Memory | 1x DDR SO-DIMM, Max. 1GB |
| System Chipset | AMD CS5536 chipset |
| BIOS | Award |
| Watchdog Timer | 256 levels |
| SSD | N/A |
| H/W Monitor | Yes |
| Expansion Slot | PC/104+ (PCI + ISA) |

Graphics

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|-------------------|--|
| VGA Controller | LX800/LX700 built-in 2D graphics controller Supports CRT and LVDS LCD display |
| VGA Memory | Shared memory Max. 64MB |
| Display Interface | 20-pin header for 18-bit single channel LVDS |

LAN

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|------------|---|
| Controller | Pin header for RJ-45 |
| Connector | AMD CS5536 + Winbond W83627HG 1x IDE, 1x FDD (slim type), 1x KB, mouse, 2x RS-232, 1x LPT |

Multi I/O

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|-------------|---|
| I/O Chipset | AMD CS5536 + Winbond W83627HG 1x IDE, 1x FDD (slim type), 1x KB, mouse, 2x RS-232, 1x LPT |
| USB | Pin header for 4 ports (USB 2.0) |
| Audio | N/A |
| Others | PCI to ISA Bridge, PCI arbiter (extends PCI devices) |

Features

- Embedded AMD Geode™ LX processor 433MHz (LX700) / 500MHz (LX800)
- 1x DDR SO-DIMM, Max. 1GB
- Realtek RTL8100C 10/100BaseT LAN
- Integrated LX800/LX700 2D VGA controller, supports CRT and LVDS
- 4x USB 2.0, 2x COM, Watchdog timer
- PC/104+ connector (PCI + ISA)

Mechanical and Environmental

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|------------------------|---|
| Dimensions | 96mm x 90mm (3.78" x 3.54") |
| Max. Power Requirement | AMD Geode LX800 500MHz w/ 512MB DDR +5V: 1.06A +12V: 0.1A |
| Operating Temperature | 0°C~60°C (32°F~140°F) |
| Storage Temperature | -20°C~80°C (-4°F~176°F) |
| Relative Humidity | 90% (non-condensing @60°C) |

Ordering Information

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|----------|---|
| IB704-R | AMD Geode™ LX700, 433MHz, PC/104 Plus CPU Module w/ VGA and 10/100 LAN |
| IB704F-R | AMD Geode™ LX800, 500MHz, PC/104 Plus CPU Module w/ VGA and 10/100 LAN |
| IB41 | Cable kit for IB704 series, w/ 2x IDE, 2x COM, PS/2, printer, 2x USB, VGA and FDD |