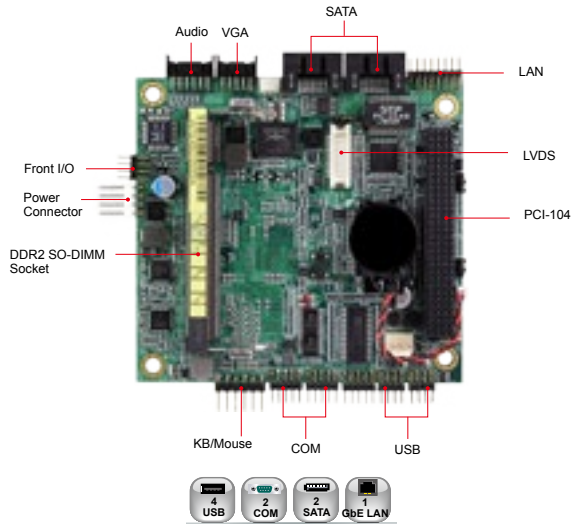


# IB805

Intel® Atom™ N270 PC-104 CPU Module w/ Intel® 945GSE Chipset

Intel® Atom™-Based



## Features

- Onboard Intel® Atom™ Processor N270, 1.6GHz speed, 533MHz FSB
- 1x DDR2 SO-DIMM, Max. 2GB
- Intel® 82574L Gigabit LAN
- Integrated VGA, supports CRT and LVDS
- 2x SATA, 4x USB 2.0, 2x COM
- 1x PCI-104 on board, Watchdog timer

## Specifications

CPU	Intel® Atom™ Processor N270, 1.6GHz
System Memory	1x DDR2 SO-DIMM, 533MHz, Max. 2GB
System Chipset	Intel® 945GSE + ICH7M, 533MHz FSB
BIOS	Award
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slot	1x PCI-104
VGA Controller	Intel® 945GSE built-in
VGA Memory	Max. 224MB shared memory
Display Interface	Supports CRT and 18-bit single channel LVDS
LAN Controller	Intel® 82574L PCI-E Gigabit LAN
Connector	Pin header for RJ-45
I/O Chipset	ICH7M, Winbond W83627EHG 1x KB, 1x mouse, 2x SATA, 2x RS-232
USB	Pin header for 4 ports (USB 2.0)
Audio	Built-in Intel® HD audio + ALC662 codec for 5.1 CH
Others	N/A
Dimensions	96mm x 90mm (3.78" x 3.54")
Max. Power Requirement	Intel® Atom™ Processor N270 1.6GHz w/ 1x 1GB DDR2-667 +5V: 2.93A +12V: 0.6A
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)

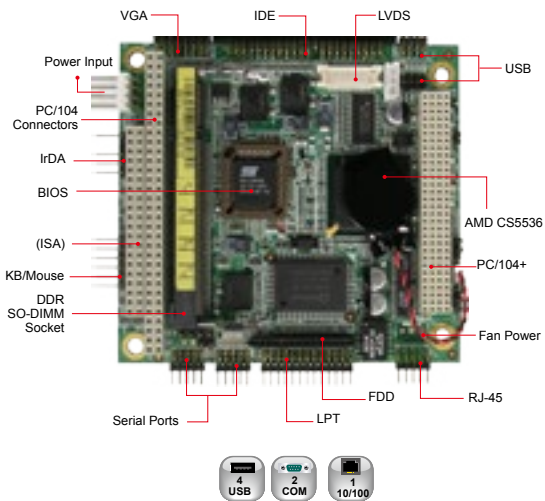
## Ordering Information

IB805	Intel® Atom™ N270, 1.6GHz, PCI-104 CPU Module, w/ VGA and Gigabit LAN
IB55	Cable kit for IB805 series, w/ SATA, PS/2, Audio, VGA, USB, 2x COM, RJ45
HSIB804-BGA	Heatsink for IB805

# IB704

AMD Geode™ LX PC/104 Plus CPU Module w/ AMD CS5536 chipset

AMD Geode™ LX Based



## 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)

## Specifications

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)
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 Controller	Realtek RTL8100C 10/100Mbps
Connector	Pin header for RJ-45
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)
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	10%~90% (non-condensing)

## Ordering Information

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



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