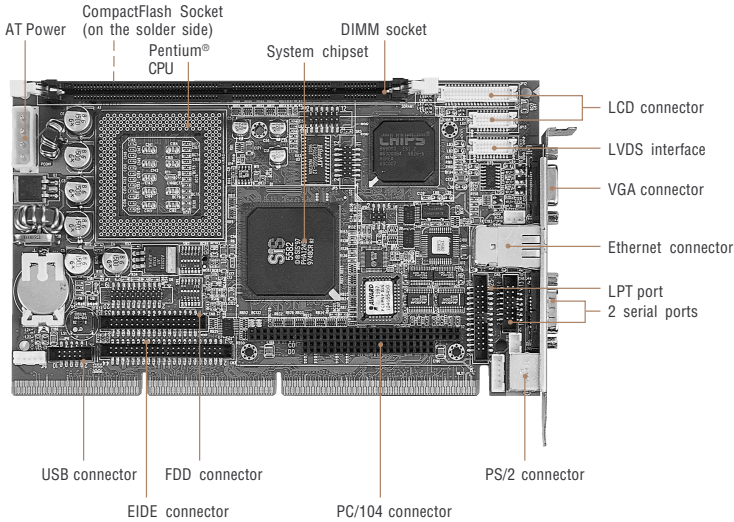


PCN-6351 / L

Half-size Pentium[®] MMX[™] SBC with VGA/LCD, Ethernet and SSD



Easy for installation

Features:

- NLX bus supporting both PCI & ISA
- Supports CPU up to 300 MHz
- On-board VGA/LCD/LVDS display
- 10/100 Mbps Ethernet
- Hardware monitor (Voltage/Temperature detection)
- Supports wake-up on LAN, modem



Half-size CPU Cards

3

System

CPU	Intel [®] Pentium [®] MMX [™] and AMD K5, K6, K6-II up to 300 MHz
System Memory	SDRAM DIMM x 1 Max. 128 MB
2nd Cache Memory	512 KB Pipeline Burst SRAM
Chipset	SiS 5582 (PCN-6351), SiS 5598 (PCN-6351L)
BIOS	AWARD 256 KB Flash BIOS
SSD	CompactFlash [™] card
Expansion Interface	PC/104 connector, 16 bit ISA slot
Battery	Lithium 3 V / 196 mAh
Watchdog Timer	1 ~ 62 seconds; system reset or IRQ11
Power Consumption	Typical 5 V @ 4.6 A (w/ Intel [®] MMX [™] 233 MHz, 128 MB DRAM) Max. 5 V @ 5 A
Size/Weight	204 x 122 mm (8.03 x 4.8"), 0.3 kg (0.7 lb)
Temperature	0 ~ 60° C (32 ~ 140° F), operation
Operating Humidity	0% ~ 90% Relative Humidity, non-condensing

I/O

MIO	1 x EIDE (Ultra DMA33), 1 x FDD, 1 x K/B, 1 x Mouse, 1 x RS232/422/485, 1 x RS232, 1 x LPT
IrDA	4 Mbps FIR, IrDA 1.1 compliant
Ethernet	10/100 Mbps (PCN-6351 only), on-board RJ45 connector
USB	2 USB port, USB 1.0 compliant

Display

PCN-6351

Chipset	Asilant (C&T) 69000
Memory Size	2MB (optional 4 MB with 69030)
Resolution	1280 x 1024 @ 8 bpp or 1024 x 768 @ 16 bpp or 800 x 600 @ 24 bpp
LCD Interface	36 bit, LVDS : 18 bit

PCN-6351L

Chipset	SiS5598 Embedded
Memory Size	4 MB (UMA)
Resolution	1280 x 1024 @ 24 bpp (CRT) or 1024 x 768 @ 24 bpp (LCD)

Packing List

• Y cable for AT-Keyboard, PS/2 Mouse (190 mm)	1700060201
• E-IDE (HDD) Cable	1701440500
• FDD Cable	1701340600
• COM2 cable	1701140201
• LPT cable	1700260250
• USB cable	1703100260
• CPU cooling fan	1759200100
• ATX/AT Power cable	1700000450
• ATX/AT Power cable converter	1700040052
• Startup Manual	
• Utility CD	

Ordering Information

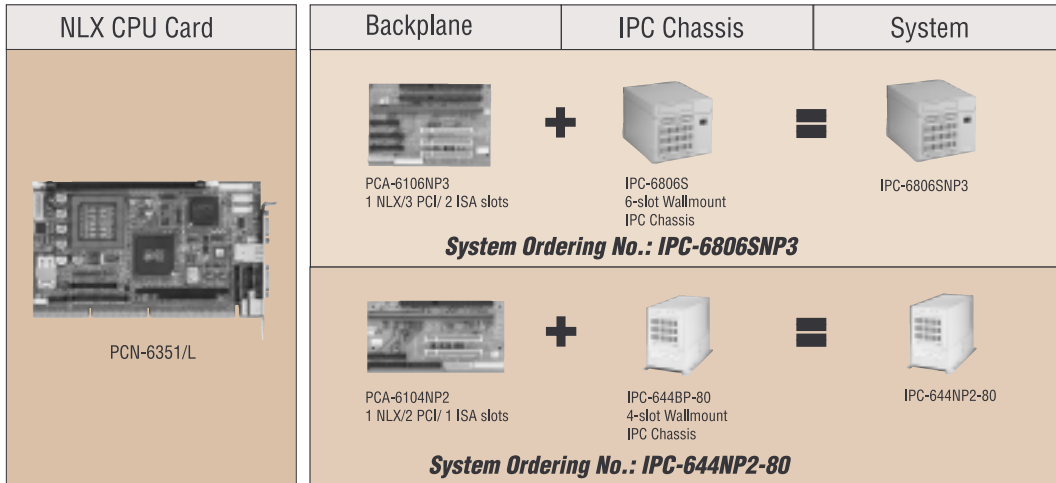
Standard

- PCN-6351-00A1 NLX bus Half-size Pentium[®] CPU card with VGA, LCD, LVDS, Ethernet and SSD
- PCN-6351L-00A1 NLX bus Half-size Pentium[®] CPU card with VGA and SSD

Optional

- IPC-644NP2-80 4-slot IPC chassis w/ NLX backplane & 80W power supply
- IPC-6806SNP3 6-slot IPC chassis w/ NLX backplane & 100W power supply
- PCA-6106NP3-A2 6-slot NLX passive backplane with NLX x 1, PCI x 3 & ISA x 2
- PCA-6104NP2 4-slot NLX passive backplane with NLX x 1, PCI x 2 & ISA x 1
- 9689000042 IrDA Adapter
- CF-HDD-ADP CompactFlash 50-pin to IDE 44-pin Adapter

NLX System Configuration



NLX Passive Backplane

PCA-6106NP3
6-slot NLX Passive Backplane

PCA-6104NP2
4-slot NLX Passive Backplanes

