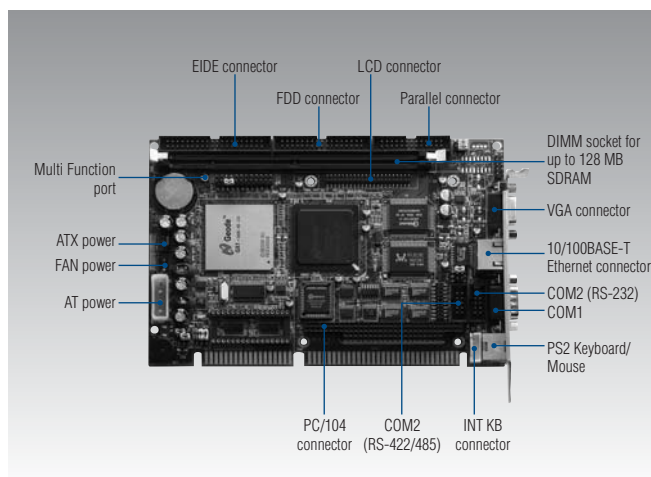


# PCA-6753

## ISA NS Geode Slot SBC, VGA/LCD/LAN/DOC and PC/104



### Specifications

- **CPU** On board Low Power NS Geode processor  
GX1-300 MHz processor (PCA-6753F-G0A2, PCA-6753FC-G0B1)
  - **System Memory** SDRAM DIMM x 1, Max. 128 MB
  - **System Chipset** NS CS5530A
  - **BIOS** AWARD 256KB Flash BIOS
  - **SSD** DiskOnChip®
  - **Watchdog Timer** 1 - 62 Sec, System reset or IRQ11
  - **Expansion Interface** 16-bit ISA slot, PC/104 connector
  - **Battery** Lithium 3V/196 mAh
  - **Power Management** APM 1.2
- I/O**
- **MIO** 1 x EIDE (Ultra DMA33), 1 x FDD, 1 x K/B, 1 x Mouse, 1 x RS-232/422/485, 1 x RS-232, 1xLPT
  - **IrDA** 4Mbps FIR, IrDA 1.1 compliant
  - **USB** 2 USB ports, USB 1.1 compliant
- Ethernet**
- **Chipset** RTL 8139C
  - **Interface** IEEE 802.3u 10/100BASE-T Fast Ethernet compatible
  - **Connection** On-board RJ-45 connector
- Display**
- **Chipset** NS CS5530A
  - **Memory Size** 1~4MB
  - **Resolution** 1024 x 768 @ 16 bpp (CRT)  
800 x 600 @ 16 bpp(CRT)  
1024 x 768 @ 18 bpp (LCD)
  - **LCD interface** 18-bit TTL for TFT LCD only

### Features

- NS GX1 Low Power processor on board
- Supports VGA and LCD display
- 62 level watchdog timer
- Supports wake-up on LAN, modem
- Supports LCD back light turn-off function
- Fanless operation

### Mechanical and Environmental

- **Dimensions (LxW)** 185 x 122 mm (7.3" x 4.8")
- **Power Supply Voltage** +5 V ± 5%
- **Power Requirements** Max : 4 A @ 5 V  
Typical : 1.5 A @ 5 V (for PCA-6753F-G0A2)  
1.4 A @ 5 V (for PCA-6753F-E0A2)
- **Operating Temperature** 0 - 60° C (32 - 140° F), operation
- **Operating Humidity** 0%~90% relative humidity, non-condensing

### Packing List

- **PCA-6753 SBC**
- **Y cable for PS/2 Keyboard, PS/2 Mouse** (p/n:1700060202)
- **E-IDE (HDD) Cable (600mm)** (p/n:1701400601)
- **FDD Cable (700mm)** (p/n:1701340700)
- **COM port & Parallel port cable** (p/n:1701260303)
- **ATX/AT power cable** (p/n:1700000450)
- **Mini Jumper** (p/n:1653300100)
- **ATX/AT power cable converter** (p/n:1700040052)
- **Startup Manual**
- **Utility CD**

### Ordering Information

- **PCA-6753F-G0A2** ISA NS Geode Slot SBC. GX1-300/ VGA/LCD/Fast Ethernet/DOC/PC104
- **PCA-6753FC-G0B1** ISA NS Geode Slot SBC. GX1-300/ VGA/LCD/Fast Ethernet/4COMs/DOC/PC104

### Optional accessories

- **MBPC-641** 4-slot IPC chassis w/backplane & 65W power supply
- **IPC-644-80** 4-slot IPC chassis w/ backplane& 80W power supply
- **IPC-6806S** 6-slot IPC chassis w/ backplane & 100W power supply
- **PCA-6114-B** 14-slot ISA passive backplane
- **PCA-6108-0B1** 8-slot ISA passive backplane
- **PCA-6106-B** 6 slot ISA passive backplane
- **PCA-6104-0C1** 4-slot ISA passive backplane
- **9689000042** IrDA adapter
- **1700100170** USB cable adapter (2.54 mm)