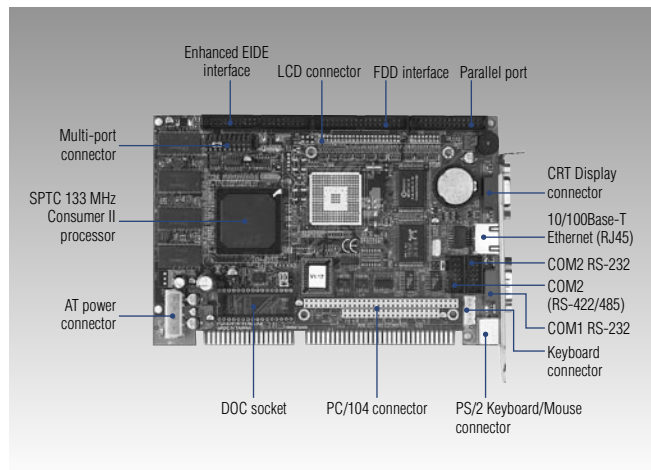


PCA-6741

ISA Consumer II Slot SBC, 133MHz
CPU/32MB/VGA/LAN/DOC and PC/104



Features

- Low power fanless Consumer II
- On board 32 MB SDRAM
- 10/100 BASE-T Ethernet
- Supports DiskOnChip® 2000 SSD Solution
- Superior low power consumption, requires no CPU cooling fan



Specifications

- **CPU** On board low power STPC Consumer II 133 MHz
- **System Memory** On board 32 MB SDRAM (optional SDRAM SODIMM x 1, Max. 64 MB)
- **System Chipset** STPC Consumer II embedded
- **BIOS** AWARD 256KB Flash BIOS
- **SSD** DiskOnChip® 2000 (optional CompactFlash™ card)
- **Watchdog Timer** 1 ~ 62 Sec, System reset or IRQ11
- **Expansion Interface** 1x 16-bit ISA slot, 1x PC/104 connector
- **Battery** Lithium 3V/196 mAH

I/O

- **MIO** 1 x EIDE (PIO Mode 4), 1 x FDD, 1 x K/B, 1 x Mouse, PCA-6741F-OCA2: 1 x RS-232/422/485, 1 x RS-232; PCA-6741L-OCA2: 2 x RS-232; 1 x LPT
- **IrDA** 115Kbps SIR, IrDA 1.0 compliant
- **Ethernet** 10/100 BASE-T (PCA-6741F-OCA2 only), on-board RJ45 connector

Ethernet

- **Chipset** RTL 8139C
- **Ethernet Interface** IEEE 802.3u
- **Connection** On-board RJ-45 I/O address switchless setting
Built-in boot ROM

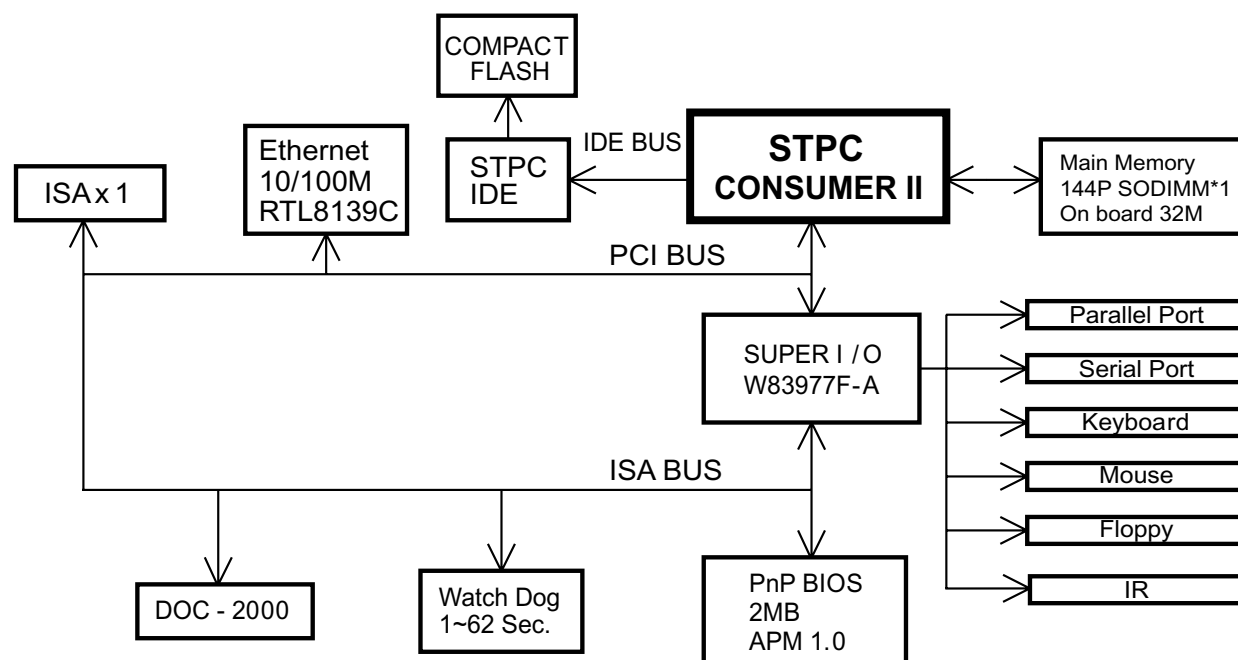
Display

- **Chipset** Consumer II embedded
- **Memory Size** Supports 1/2/4 MB frame buffer with system memory
- **Resolution** CRT mode: 1280 x 1024 @ 8 bpp, 1024 x 768 @ 8 bpp, 800 x 600 @ 8 bpp

Mechanical and Environmental

- **Dimensions (L xW)** 185 x 122 mm (7.3"x 4.8")
- **Power Supply Voltage** +5V±5%
- **Power Requirements** Max: 5V @4.6A, Typical : 5V @1.38A (w/32 M SDRAM)
- **Operating Temperature** 0~60° C (32~140° F), operation
- **Operating Humidity** 0%~90% relative humidity, non-condensing

Board Diagram



Packing List

- PCA-6741 SBC
- Y cable for PS/2 Keyboard, PS/2 Mouse
- E-IDE (HDD) Cable (600mm)
- FDD Cable (290mm)
- COM2 & Parallel port cable kit
- Mini Jumper
- Startup manual
- Utility CD

(p/n:1700060202)
 (p/n:1701400601)
 (p/n:1701340700)
 (p/n:1701260303)
 (p/n:1653300100)

Ordering Information

- **PCA-6741F-0CA2** ISA Consumer II Slot SBC, 133/32MB/VGA/Fast Ethernet/DOC/PC104
- **PCA-6741L-0CA2** ISA Consumer II Slot SBC, 133/32MB/VGA/DOC

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
- **CF-HDD-ADP** CompactFlash™ 50-pin to IDE 44-pin adapter