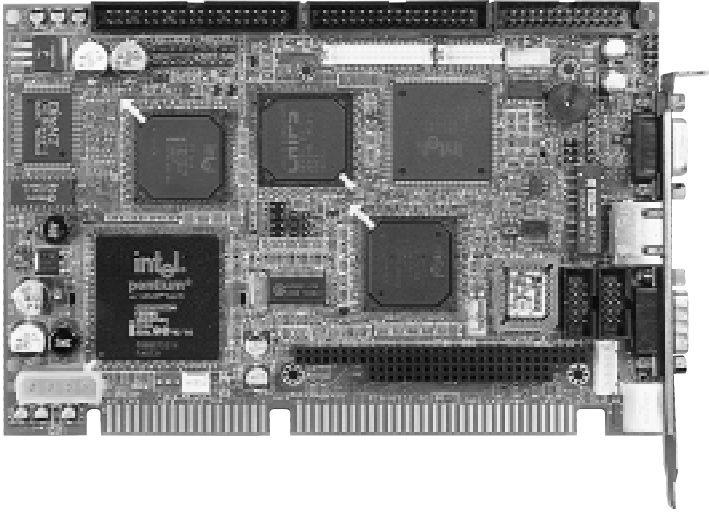


PCA-6751/L

Low Power Half-size Pentium® MMX™ SBC with VGA/LCD/Ethernet & SSD



Features

- Low power 166/266 MHz Pentium® CPU
- On-board PCI SVGA VGA/LCD display
- Supports CompactFlash™ SSD solution
- Superior low power consumption, requires no CPU cooling fan
- 10/100 Mbps Ethernet
- Intel (EMD Group) 5 year Long term support

System

- **CPU:** On-board Low Power Pentium® MMX™ , 166 or 266 MHz
- **System Memory:** SDRAM SO DIMM x 2 Max. 256 MB
- **2nd Catch Memory:** 512 KB PB SRAM
- **Chipset:** Intel® 430 TX
- **BIOS:** AWARD 256 KB Flash BIOS
- **SSD:** CompactFlash™ Card
- **Watchdog Timer:** 1 ~ 62 second; System Reset or IRQ15
- **Expansion Interface:** PC/104 connector, 16-bit ISA slot
- **Battery:** Lithium 3 V/196 mAh
- **Power Consumption:**
5 V @ 2.75 A w/ Intel® Tillamock 266 MHz, 64 MB SDRAM
5 V @ 2.10 A w/ Intel® Tillamock 166 MHz, 64 MB SDRAM
- **Size/Weight:** 185 x 122 mm (7.3 x 4.8"), 0.3 kg (0.7 lb)
- **Environment:** 0 ~ 70° C (32-158° F), operation

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:** 115 Kbps SIR, IrDA 1.0 compliant
- **Ethernet:** 10/100 Mbps (PCA-6751 only), on-board RJ45 connector, optional remote boot ROM
- **USB:** 2 USB port, USB 1.0 compliant

Display

- **Chipset:** C&T69000
- **Memory Size:** 2 MB (optional 4 MB with C&T69030)
- **Resolution:** 1280 x 1024 @ 8 bpp (CRT)
1280 x 1024 @ 8 bpp (LCD)
- **LCD interface:** 36 bit TTL

Ordering information

Standard

- PCA-6751-F0B1:** Half-size Pentium® CPU card with 266 MHz CPU, VGA, LCD, Ethernet (8139B) and SSD
- PCA-6751-F1B1:** Half-size Pentium® CPU card with 266 MHz CPU, VGA, LCD, Ethernet (82559) and SSD
- PCA-6751-F0A1:** Half-size Pentium® CPU card with 266 MHz CPU, VGA, LCD, Ethernet (82558) and SSD
- PCA-6751-A0A1:** Half-size Pentium® CPU card with 166 MHz CPU, VGA, LCD, Ethernet (82558) and SSD
- PCA-6751L-F0B1:** Half-size Pentium® CPU card with 266 MHz CPU and SSD

Optional

- MBPC-641:** 4-slot IPC chassis w/ backplane & 65 W power supply
- IPC-644-80:** 4-slot IPC chassis w/ backplane & 80 W power supply
- IPC-6806S:** 4-slot IPC chassis w/ backplane & 80 W power supply
- PCA-6108:** 8 ISA slot passive backplane
- PCA-6106:** 6 ISA slot passive backplane
- PCA-6104:** 4 ISA slot passive backplane
- 9689000042:** IrDA cable adapter
- 1700100170:** USB cable adaptor (2.54)