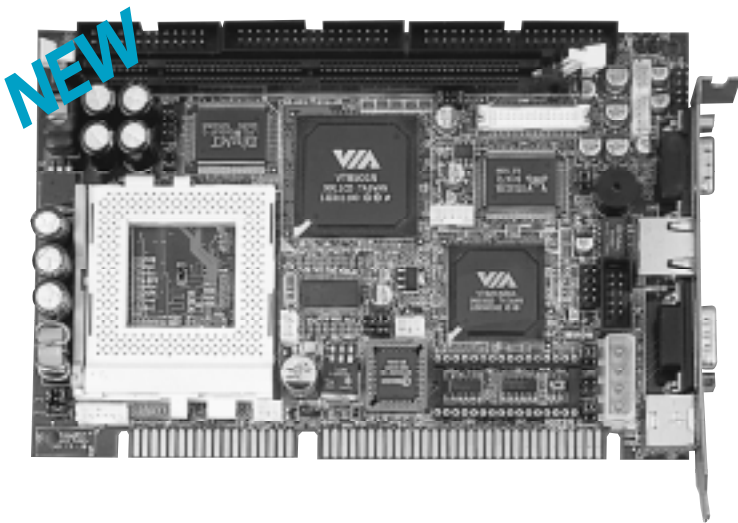


PCA-6752F / N

Super7 Half-size SBC with
VGA/LCD and Ethernet



Features

- Supports Super7 Architecture
- Core Logic integrated 2X AGP 2.0 compliant graphics feature.
- 66/100 MHz Front Side Bus
- Hardware-assisted MPEG-2 for DVD
- Supports full DVD 1.0, VCD 2.0 and CD-Karaoke
- Supports wake-up on LAN, Modem

System

- **CPU:** Socket 7 Intel® P54C/P55C, AMD™ K5/K6/K6-2/K6-3, NS® MII/ MII and IDT Winchip. Support 66/75/83/100 MHz FSB
- **System Memory:** SDRAM DIMM x 1 Max. 128 MB
- **2nd Cache Memory:** 512 KB PBRAM(66/100 MHz)
- **Chipset:** PCA-6752F: VIA VT82C686 + Trident CyberBlade i7
PCA-6752N: VIA MVP4 (VT82C686 + VT82C501)
- **BIOS:** AWARD 256 KB Flash BIOS
- **SSD:** DiskOnChip®, CompactFlash™ (optional)
- **Watchdog Timer:** 1 ~ 62 Sec, System reset or IRQ11
- **Battery:** Lithium 3 V/196 mAH
- **Power Management:** APM 1.2
- **Power Consumption:** Standard mode power consumption: 5 V @ 6.68 A W K6-3 / 450, 64 MB SDRAM
- **Size/Weight:** 185 x 122 mm (7.3" x 4.8"), 0.27 Kg (0.59 lb)
- **Environment:** 0 ~ 60° C (32 - 140° F), operation

I/O

- **MIO:** 1 x EIDE (Ultra DMA66), 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-6752F/N only), on-board RJ 45 connector
- **USB:** 2 USB port, USB 1.0 compliant

Display

PCA-6752F

- **Chipset:** Trident CyberBlade i7 VGA/LCD controller, 2X AGP compliant
- **Memory Size:** 2~8 MB (UMA)
- **Resolution:** 1024 x 768 @ 24 bpp (CRT)
1024 x 768 @ 24 bpp (LCD)
- **LCD interface:** 18 bit TTL

PCA-6752N

- **Chipset:** VIA MVP4 Built-in VGA/LCD controller, AGP 2X compliant
- **Memory size:** 2 ~ 8 MB (UMA)
- **Resolution:** 1024 x 768 @ 24 bpp (CRT)

Ordering Information

Standard

- ☐ **PCA-6752F-00A1:** Half-size Super7 CPU card w/VGA/LCD/LAN/SSD
- ☐ **PCA-6752N-00A1:** Half-size Super7 CPU card w/VGA/LAN/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:** 6-slot IPC chassis w/ backplane & 100 W power supply
- ☐ **PCA-6108:** 8-slot ISA passive backplane
- ☐ **PCA-6106:** 6-slot ISA passive backplane
- ☐ **PCA-6104:** 4-slot ISA passive backplane
- ☐ **1700100170:** USB cable adaptor (2.54 mm)
- ☐ **9689000042:** IrDA cable adapter