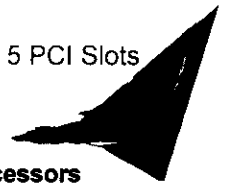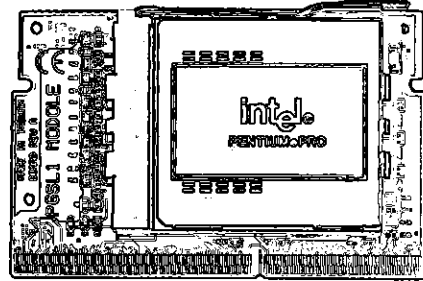# P6F40K-A5

Compact ATX Form Factor with 5 PCI Slots
Two-way IrDA Connectors

New Generation of Mainboards Support Intel Pentium® Pro/Pentium® II Processors
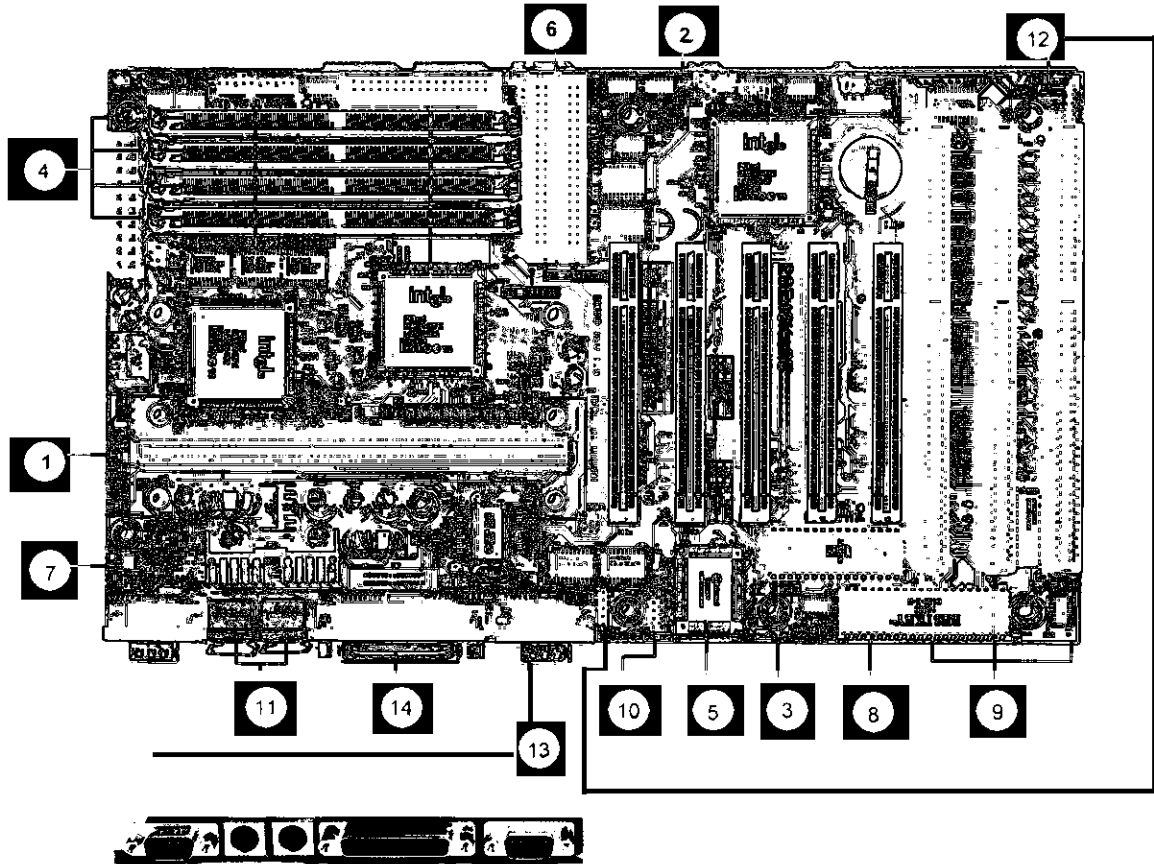
P6SL1

Pentium® Pro CPU module card with SOCKET 8 on board to fully utilize current Processor, with it, P6F40K-A5 is ready to work with you now and future

SLOT 1

for Pentium® II processor

(1) **Slot1 for Pentium® II processor**
(2) **INTEL® 440FX Chipset**
(3) **Flash EPROM**
   System & SCSI BIOS
(4) **4*72-pin SIMM sockets**
   Max. 512MB system memory
   Support EDO, FPM DRAM
(5) **Super I/O**
(6) **PCI Bus Master IDE**
   PIO mode 3,4
   DMA mode 2

(7) **Switching Voltage Regulator**
   Support 1.3V ~ 2.8V
(8) **5 PCI Bus Master Slots**
(9) **3 ISA 16-bit slots**
(10) **USB Header**
(11) **PS/2 keyboard and mouse connectors**
(12) **Two-way IrDA TX/RX header**
(13) **COM1,COM2 9-pin male connectors**
(14) **Parallel Port 25-pin female connector**

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PC TECHNOLOGY INTEGRATOR

P6F40K-A5

Compact ATX Form Factor with 5 PCI Slots
Two-way IrDA Connectors

New Generation of Mainboards Support Intel Pentium® Pro/Pentium® II Processors

P6F40K series is a new generation Pentium® Pro mainboards supporting currect Pentium® Pro Processors as well as upcoming Pentium® II with MMX technology. Products include ATX form factor design (P6F40K-A5), Baby AT design (P6F40K-B5) and a high-end server mainboard featuring built-in Ultra-Wide SCSI (P6F40K-WS). Besides, a processor module P6SL1 with SOCKET 8 is designed to support existing Pentium® Pro to work with P6F40K series mainboard.

P6F40K-A5 features compact ATX form factor with 5 PCI bus master slots and two-way IrDA connectors on both front and rear ends. All I/O connectors on ATX rear panel are designed to meet existing single height standard of ATX/ I/O shield is required.

P6F40K-A5 Specifications

Key Features	Compact ATX Form Factor with 5 PCI Slots
	Two-way IrDA Connectors
Processor	SLOT 1 support INTEL Pentium® II with MMX technology
Switching Voltage Regulator	Stepping voltage regulator from 1.3V ~ 2.8V to support V_{core}
	3.3Vto support level 2 cache on CPU Module
Chipset	INTEL® 440FX Chipset
BIOS	Award® PCI BIOS, support DMI, Green PC, Plug-and-Play
	Symbios® SCSI BIOS to support 53C810/860Ultra SCSI
	TEKRAM user friendly, easy configuration features :
	● Software auto switching between COM2 and IrDA
	● Auto release IRQ12 while PS/2 mouse is disabled
	● Boot option from FDD, IDE HDD/CD-ROM, SCSI devices
System Memory	4*72-pin SIMM sockets support up to 512MB
	Support EDO, FPM DRAM module (Parity, Non-parity, ECC)
On-board I/O Features	1*FDC Port Connector support up to 2.88MB
	2*PCI Bus Master IDE, support LBA mode, PIO mode 3,4, DMA mode 2
	USB header to support two USB ports,1*3-pin CPU Fan connector
	Front panel connector:
	1*IrDA 6-pin connector to support IrDA,ASK-IR
	Back panel connector :
	PS/2 keyboard,mouse,IrDA connectors
	1*Parallel Port 25-pin D-type connector support ECP/EPP
	2*High Speed Serial Port 9-pin D-type connector (16550)
Expansion Slots	5*32-bit PCI Bus Master slots, 3*ISA 16-bit slots
CMOS Battery	Coin-form replacable battery
Power Connector	20 Pin Power connector with soft power on/off
Form Factory	Compact ATX Form factor(12" by 7")
Options	IrDA interface kit (Internal cable/bracket set and external module)
	USB connector kit
Accessories	One FDD cable, One IDE cable,
	User manual, Utility diskette

SYSTEM INTRGRATION OPTIONS

Storage controller	Video Adapter	IrDA Add-on
DC-390F : PCI Ultra Wide SCSI	M-230 : PCI VGA, Video Capture, TV Tuner	IR-210 : Serial Port Infrared Adapter
DC-390U : PCI Ultra SCSI	C-210 : PCI Video Capture	IR-220 : SIR Infrared Adapter
DC-390 : PCI Fast SCSI	VC-264VT2 : PCI VGA, Video Capture	IR-410 : FIR Infrared Adapter
DC-310U : Ultra SCSI (NCR 53C860)	V-264GT2 : PCI 3D VGA,TV out	IR-610 : Infrared to LAN Access Point