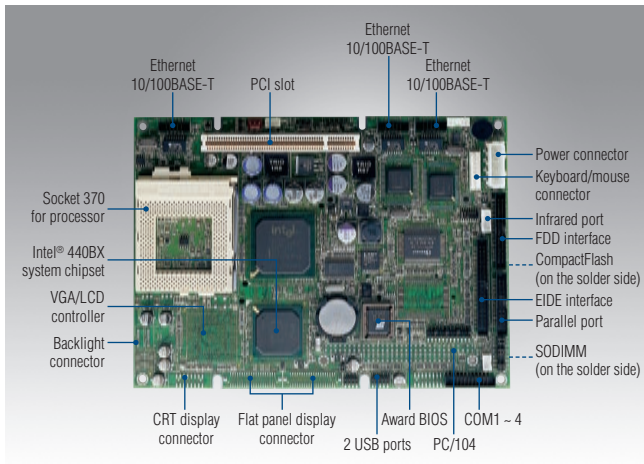


PCM-9576

Socket 370 SBC with 3 LAN, and VGA/LCD



Features

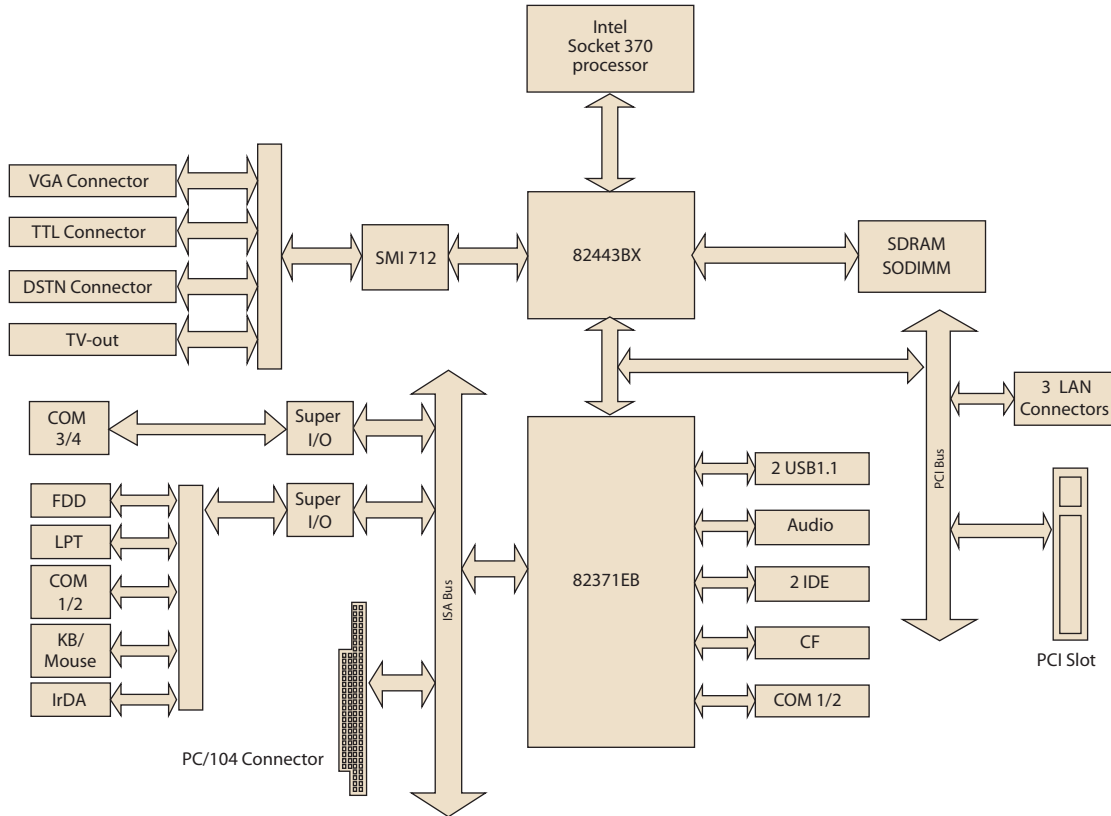
- Supports Socket 370 Intel® Pentium® III processors
- Supports two or three Ethernet connections for networked computing platforms
- Supports LCD backlight turn-off function
- Three GPIO outputs for LAN control LED indicators



Specifications

Processor System	CPU	Socket 370 Celeron/Pentium III
	Front Side Bus	100 MHz
	L2 Cache	128 KB/ 256 KB
	Chipset	Intel 440BX AGPset
	BIOS	Award 4 Mbit
Memory	Technology	2 x SDRAM
	Max. Capacity	512 MB
	Socket	2 x 144-pin DIMM
SSD	CompactFlash	Card Type I, Type II
I/O Interface	LPT	1
	FDD	1
	RS-232	3 (PCM- 9576FV only), 2(PCM-9576F only)
	RS-232/422/485	1 (PCM-9576FV only)
	K/B	1
	Mouse	1
	USB	2 x USB 1.1
	GPIO	3-bit general purpose input/output
EIDE	Mode	UDMA 33
	Channel	1
Expansion Slot	PCI	1 x PCI slot, 1 x PC/104 ISA slot (PCM-9576FV only)
	PC/104	1
Ethernet	Speed	10/100Mbps
	Controller	3 x Intel 82551ER, 3 x Optional Intel 82559 or 3 x RTL 8139C
	Interface	2 x RJ-45 by cable
Display	Controller	SMI® LynxEM+ 712 (option Lynx 721)
	VRAM	4 MB (Optional 8 MB)
	TTL LCD	1 x 36-bit TTL or 1 x 24-bit DSTN
	TV-Out	Supports both NTSC/PAL, S-video and composite video
Environment	Operation Temperature	0 ~ 60° C (32 ~ 140° F)
	Operating Humidity	0% ~ 90% relative humidity, non-condensing
Power	Power Type	AT / ATX
	Power Supply Voltage	+5 V ± 5%
	Power Consumption: Typical	5.1 A @ +5 V (with 128 MB DRAM, Intel Celeron-466)
	Power Consumption: Max, test in HCT	8 A @ +5 V
	Power Management	APM, ACPI
	Battery	Lithium 3 V / 196 mAH
Watchdog Timer	Output	Interrupt, System reset
	Interval	Programmable 1 ~ 62 sec
Physical Characteristics	Dimensions (L x W)	203 x 146 mm (8" x 5.75")
	Weight	0.85 kg (1.87 lb) (weight of total package)

Board Diagram



Ordering Information

Part No.	CPU	CRT	TTL	DSTN	TV-out	10/100	Audio	USB 1.1	RS-232	RS-232/422/485	LPT/FDD/KB/MS	CF	PC/104 connector	PCI Slot	Operation Temp.
PCM-9576F-00A1E	Socket 370	--	--	--	--	2	--	2	2	--	Yes	Yes	--	1	0 - 60° C
PCM-9576F-01A1E	Socket 370	--	--	--	--	3	--	2	2	--	Yes	Yes	--	1	0 - 60° C
PCM-9576FV-02A1E	Socket 370	Yes	36-bit	Yes	Yes	2	--	2	3	1	Yes	Yes	Yes	1	0 - 60° C
PCM-9576FV-03A1E	Socket 370	Yes	36-bit	Yes	Yes	3	--	2	3	1	Yes	Yes	Yes	1	0 - 60° C

Optional Accessories

Part No.	Description
PCM-10586-4E00E	Wiring kit for PCM-9576F
PCM-10586-4E00E	Wiring kit for PCM-9576FV
PCM-110-00A3E	1-slot PCI riser card for 5.25" biscuits
PCM-120-00A3E	2-slot PCI riser card for 5.25" biscuits
9681000040	24-bit LCD cable adaptor (3.3 V)
9681000041	24-bit LCD cable adaptor (5 V)
1703100260	USB cable for PCM-9570/9572F/9574/9576F/9550F/9575
1703100121	USB cable for PCM-9570/9550/9576/9575 to meet MBPC-300 chassis
CF-HDD-ADP	CompactFlash 50-pin to IDE 44-pin adapter
1703200201	ATX power control cable

Packing List

Part No.	Description	Quantity
	PCM-9576 SBC	1
9689000002	Mini Jumper Pack [count.: 10 pcs]	1
	Startup Manual	1
	Utility CD	1