

PCA-6144S

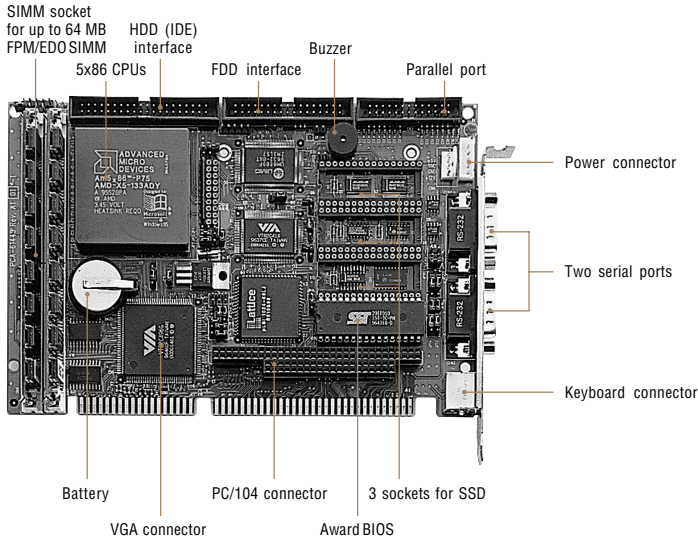
Half-size 486 CPU card with SSD

486

ISA

SSD

PC/104



Cost effective core engine for Embedded controller

Features:

- Supports **DiskOnChip®** solution
- **128 K L2 cache**
- **PC/104 interface**
- **1-62 sec. watchdog timer**



FCC CE

System

CPU	Supports Intel® 80486 DX/DX2/DX4, AMD 80486 DX2/Dx4/5x85
System Memory	FPM/EDO SIMM x 2, Max. 64 MB
2nd Cache Memory	128KB PB SRAM
Chipset	VIA VT82C496G
BIOS	AWARD
SSD	Support one DiskOnChip® 2000 or 3 sockets for 360 KB/1.44 MB Flash/EPROM
Watchdog Timer	1 ~ 62 sec, system reset or IRQ15
Expansion Interface	PC/104 connector, 16 bit ISA slot
Power Consumption	Typical 5 V @ 4 A (w/ AMD 5x86-P75, 16 MB DRAM) Max. 5 V @ 5 A
Battery	Lithium 3 V/ 196mAH
Size/Weight	185 x 122 mm (7.3 x 4.8"), 0.3 kg (0.7 lb)
Temperature	0 - 60° C (32 - 140° F), operation
Operating Humidity	0% ~ 90% Relative Humidity, non-condensing

I/O

MIO	1 x EIDE, 1 x FDD, 1 x K/B, 1 x mouse, 1 x RS232/422/485, 1 x RS232, 1 x LPT
IrDA	N/A
DIO	N/A
Ethernet	N/A
SCSI	N/A
Audio/Video	N/A

Packing List

• Y cable for AT-keyboard, PS/2 mouse (190 mm)	1700060201
• E-IDE (HDD) cable (500 mm)	1701400601
• FDD cable (290 mm)	1701340700
• Parallel cable kit	1709612600
• Startup manual	
• Utility CD	

Ordering Information

Standard

• PCA-6144S-00B2	Half-size 486 CPU card with SSD
• PCA-6144S-30B2	Half-size 486 CPU card with 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	6-slot IPC chassis w/ backplane & 100W power supply
• PCA-6108	8 slot ISA passive backplane
• PCA-6106	6 slot ISA passive backplane
• PCA-6104	4 slot ISA passive backplane
• 1759202300	486 CPU cooling fan with heatsink