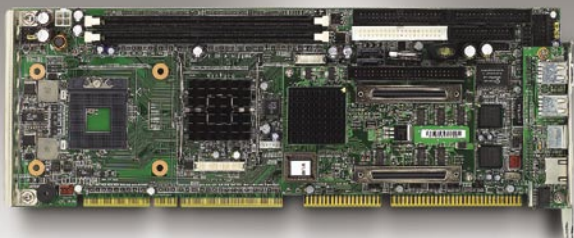


PCA-6189

Socket 479 Pentium® M/Celeron® M Processor Card with 64-bit PCI-X/VGA/ Dual GbE LAN



Features

- Intel® 855GME chipset 400 MHz FSB
- Supports two DIMMs DDR 200/266/333 SDRAM
- Supports up to two devices with software Serial ATA RAID 0,1
- Onboard integrated VGA controller, supports dual display
- LVDS and DVI panel support
- 64-bit/66 MHz PCI-X
- Supports 10/100/1000Base-T Ethernet
- Optional fanless solution with onboard ultra low voltage Celeron® M processor at 1.0 GHz



Specifications

Processor System	CPU	Intel Pentium® M	Intel Celeron M
	Max. Speed	2.1 GHz and above (400 FSB)	1.5 GHz and above (400 FSB)
	L2 Cache	1 MB/2 MB	512 KB/1 MB
	Chipset	Intel 855GME + 6300ESB	
	BIOS	Award™ 4 Mbit FWH	
Bus	Front Side Bus	400 MHz	
	PCI	64-bit/33/66 MHz PCI, 66 MHz PCI-X	
Memory	ISA	HISA (ISA high drive), no DMA support	
	Technology	One channel DDR 200/266/333 MHz with ECC support	
	Max. Capacity	2 GB	
Graphic	Socket	184-pin DIMM x 2	
	Controller	Chipset integrated VGA controller	
Ethernet	VRAM	Dynamically shared system memory, 8 ~ 64 MB	
	Interface	10/100Base-T; 10/100/1000Base-T (optional)	
	Controller	LAN 1: Intel 82551QM (FE); Intel 82541PI (GbE) LAN 2: Intel 82541PI (GbE)	
SATA	Connector	RJ-45 x 2	
	Max. Data Transfer Rate	150 MB/s	
EIDE	Channel	2	
	Mode	ATA 100/66/33	
I/O Interface	Channel	2 (Max. 4 devices)	
	USB	Max. 4 (USB 2.0 compliant)	
	Serial	2 (RS-232)	
	Parallel	1 (SPP/EPP/ECP)	
	FDD	1	
Watchdog Timer	PS/2	1	
	Output	Interrupt, system reset	
Miscellaneous	Interval	Programmable, 1 ~ 255 sec.	
	Audio Output	AC-97 audio interface (requires an audio extension module P/N: PCA-AUDIO-00A1E)	
Power Requirement	Solid State Disk	Compact Flash socket (Type I / II), shared with secondary IDE	
	Typical	Intel Pentium M 1.8 GHz with 400 MHz FSB, 512 MB DDR 333 SDRAM	
Environment	+5 V (3.29 A)	-5 V (0.01 A)	+12 V (1.45 A) -12 V (0.01 A)
	Operating	Non-Operating	
Physical Characteristics	Temperature	0 ~ 60° C (32 ~ 140° F), depends on CPU's speed	-20 ~ 70° C (-4 ~ 158° F)
	Dimensions (W x D)	338 x 122 mm (13.3" x 4.8")	

Ordering Information

Part Number	Fast Ethernet LAN	Gigabit LAN
PCA-6189VE-00A2E	Single	-
PCA-6189VG-00A2E	-	Single
PCA-6189G2-00A2E	-	Dual

Bracket View



PCA-6189VE-00A2E
PCA-6189VG-00A2E



PCA-6189G2-00A2E

Packing List

Part Number	Description	Quantity
1700340640	FDD cable	x 1
1701400452	IDE HDD cable	x 2
1700003194	Serial ATA HDD data cable	x 2
1703150102	Serial ATA HDD power cable	x 2
170304015K	ATX 12 V power converter cable	x 1
1701260305	Printer + COM cable	x 1
1700060202	Y cable for PS/2 mouse & keyboard	x 1
1700002204	USB cable with 2 ports	x 1
1960001631	Low profile CPU cooler	x 1
9689000068	Jumper pack	x 1
-	Startup manual	x 1
-	Utility CD	x 1