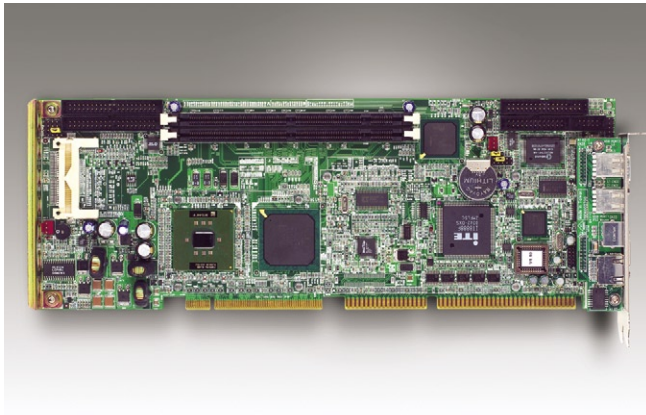


# PCA-6002-B

## Ultra Low Voltage Celeron® (Tualatin) Processor Card with VGA/Dual LAN/HISA (100 MHz FSB)



### Features

- Onboard Ultra Low Voltage Celeron® (Tualatin)
- Fanless operation
- Intel® 815E 100 MHz FSB
- Onboard integrated VGA controller, shared memory architecture
- Supports dual 10/100Base-T Ethernet, Intel 82551QM/82562ET controller
- CMOS automatic backup and restore to prevent accidental loss of BIOS setup data
- Supports Type I/II CompactFlash



### Specifications

Processor System	CPU	Celeron (Tualatin)		
	Max. Speed	400/650 MHz		
	L2 Cache	256 KB		
	Chipset	Intel 815E + ICH2		
Bus	BIOS	Award 4 Mbit FWH		
	Front Side Bus	100 MHz		
	PCI	32-bit/33 MHz		
Memory	ISA	HISA (ISA high drive)		
	Technology	PC-133/100 SDRAM		
	Max. Capacity	512 MB		
Graphic	Socket	168-pin DIMM x 2		
	Controller	Chipset integrated VGA controller		
Ethernet	VRAM	Dynamically shared system memory		
	Interface	10/100Base-T		
	Controller	LAN 1: Chipset Built-in MAC with external PHY (Intel 82562ET) LAN 2: Intel 82551QM		
EIDE	Connector	RJ-45 x 2		
	Mode	ATA 100/66/33		
I/O Interface	Channel	2 (Max. 4 devices)		
	USB	Max. 4 (USB 1.1 compliant), 4 ports onboard for E2 version		
	Serial	2 (RS-232)		
	Parallel	1 (SPP/EPP/ECP)		
	FDD	1		
Watchdog Timer	PS/2	1 (for VE version), 2 (for E2 version)		
	Output	Interrupt, system reset		
Miscellaneous	Interval	Programmable, 1 ~ 255 sec.		
	Solid State Disk	CompactFlash socket (Type I/II)		
Power Requirement	Typical	Celeron 650 MHz, 256 MB SDRAM		
	+5 V	-5 V	+12 V	-12 V
	3.4 A	0.1 A	0.2 A	0.2 A
Environment	Operating	Non-Operating		
	Temperature	0 ~ 60 °C (32 ~ 140 °F) / -20 ~ 70 °C (-4 ~ 158 °F)		
Physical Characteristics	Dimensions	338 x 122 mm (13.3" x 4.8")		

### Ordering Information

Part Number	Processor	HISA	VGA (AGP)	LAN
PCA-6002VE-00B1	Celeron 400 MHz	V	V	Single
PCA-6002E2-00B1	Celeron 400 MHz	V	V	Dual
PCA-6002VE-03B1	Celeron 650 MHz	V	V	Single
PCA-6002E2-03B1	Celeron 650 MHz	V	V	Dual

### Bracket View



PCA-6002VE-00B1  
PCA-6002VE-03B1



PCA-6002E2-00B1  
PCA-6002E2-03B1

### Packing List

Part Number	Description	Quantity
1700340640	FDD cable	X 1
1701400452	IDE HDD cable	X 2
1701260305	Printer + COM cable	X 1
1700060202	Y cable for PS/2 mouse & keyboard (only for VE version)	X 1
9689000068	Jumper pack	X 1
-	Startup manual	X 1
-	Utility CD	X 1

### Optional Accessories

Part Number	Description
1700100170	USB cable with 2 ports
PCA-USB4-00A1	USB extension module with 4 ports (only for VE version)