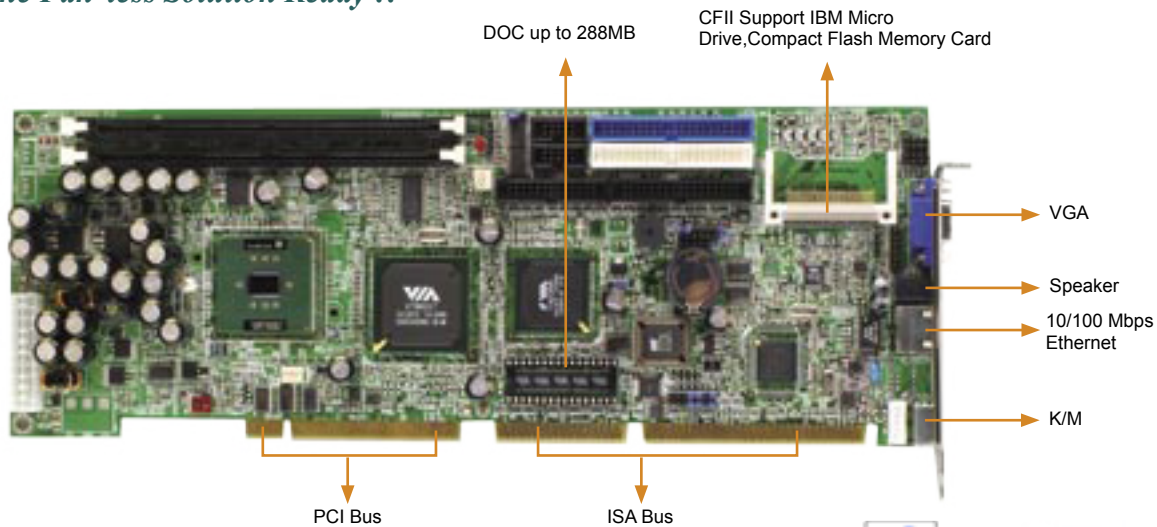


ROCKY-C400

PICMG Intel ULV Celeron 400 CPU Card with VGA, Intel LAN & Audio

All-in-One Fan-less Solution Ready !!



Feature

- ULV Intel Celeron 400 MHz
- VIA 8601 integrated graphic engine
- PC133 SDRAM memory support upto 1GB
- LAN, USB 2.0, Audio integrated

Specifications

CPU	Embedded Ultra Low Voltage Intel® Celeron 400MHz
System chipset	VIA VT8601T + 686B
System Memory	2 x DIMM up to 1GB SDRAM
Display	<ul style="list-style-type: none"> - 64-bit Single Cycle 2D/3D Graphics Engine (VIA 8601T) - AGP 4X bus bandwidth up to 533 MB/sec - Resolutions: up to 1600x1200 (UXGA) - Integrated 24-bit 230MHz True Color DAC - V-RAM: Share system memory up to 8MB - Support I2C bus interface - Connector: DB-15 for CRT display
SSD	1 x Disk On Chip socket and 1 x Compact Flash™ type II socket onboard
Ethernet	1 x onboard 10/100Mbps Intel 82551ER / Realtek RTL8100B fast Ethernet controller
Audio	AC'97 compliant Audio CODEC
I/O	<ul style="list-style-type: none"> - 1 x RS-232/422/485 selectable port with Auto-Direction function - 1 x RS-232 serial port by pin-header - 1 x LPT parallel port by pin-header (Supports SPP/EPP/ECP mode) - 1 x IrDA (SIR mode) - 4 x USB 2.0 ports (4 by pin header) - 2 x ATA-100 IDE channel, supports CD-ROM, ZIP and LS-120 drive bootable - 1 x PS/2 for Keyboard / Mouse - 1 x FDD connector, support 1.44/2.88MB and 3-mode floppy drive
WDT	Software programmable supports 1~255 seconds system reset
ISA Plus™	Design to enhance the ISA bus drive capability (64mA)
Hardware Monitoring	Provides CPU Vcore / Vcc; CPU / System Fan speed and temperature detecting function
power control	Meets ACPI 1.1 specification
Power Consumption	5V@2.6A, 5VSB@180mA, 12V@170mA (512 MB SDRAM)
Operating Temperature	0 ~ 60°C
Relative Humidity	5 ~ 95 %, non-condensing
GW	900g

IEI Option

● CB-USB02

Dual ports USB cable with bracket

page 5-6



Tech Talk

Ultra Low Voltage (ULV) Intel Celeron

The Ultra Low Voltage (ULV) Celeron® processor is a brand-new 0.13 level process product of Intel®. With 256-KB L2 cache integrated and Intel® MMX™ media enhancement technology, ULV Celeron shows an excellent performance in Low-power consumption appliance region.

Product Highlights

- ◆ Low Power Consumption
- Fanless embedded system solution of high performance.

Intel Celeron 400MHz Power Consumption comparison

Version	Regular	Low Voltage	Ultra Low Voltage
Power(W)	23.5	11	5

- ◆ 32-KB non-blocking, level 1 (L1) cache.
- Two blocks of 16-KB L1 cache for instructions and data.
- ◆ 256-KB non-blocking integrated L2 cache.
- Advanced Transfer Cache (ATC) has a high bandwidth 256-bit interface and CPU synchronous frequency enhanced by micro-architectural technology.
- ◆ Intel® MMX™ media enhancement technology.
- ◆ 0.13 level manufacturing processes.
- ◆ Fully compatible with existing Intel Architecture-based software.
- ◆ uFC-BGA2 Package form.

ULV Intel Celeron CPU Supports Product

Model Name	Chipset	Form Factor
ROCKY-C400 series	VIA 8601T	Full size PICMG Bus SBC
PCISA-C400 series	VIA 8601T	Half size PCISA Bus SBC
JUKI-C400	VIA 8606T	Half size PCISA Bus SBC
NOVA-C400	VIA 8606T	5.25" Embedded Board
WAFER-C400	VIA 8601T	3.5" Embedded Board
ETX-C400	VIA 8606T	ETX CPU Module
NANO-7240	VIA 8606T	EPIC Embedded Board
ICPMB-2660	VIA CLE266	ATX Motherboard

Ordering Information

- **ROCKY-C400N** PICMG ULV Intel Celeron 400 CPU Card with VGA, Intel LAN & Audio
- **ROCKY-C400R** PICMG ULV Intel Celeron-400 CPU Card with VGA, Realtek LAN & Audio

Note

For Intel® Celeron 650MHz / LV Pentium® III 800MHz CPU supports, please contact supplier