

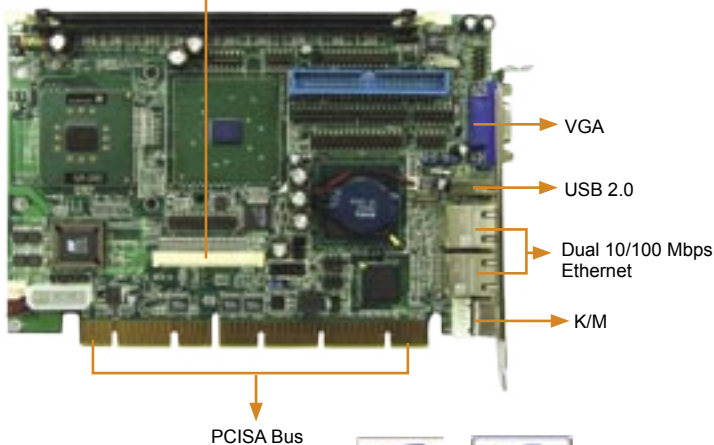
# JUKI-6770

PCISA Intel Pentium-M/Celeron-M CPU Card with LCD/CRT VGA, Dual LAN, USB2.0 and Audio

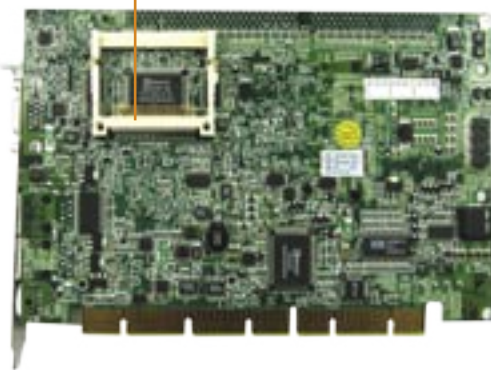
**Coming  
Soon**

**Long Term Supports**

DF14-30F dual channel LVDS I/F



CF II



**Dual Display**

**USB 2.0**



## Specifications

|                            |  |
|----------------------------|--|
| <b>CPU</b>                 | Socket-479 based support Intel® Pentium-M® / Celeron-M® up to 400MHz FSB / Onboard Celeron-M 600MHz  |
| <b>System Chipset</b>      | Intel® 852GM + ICH-4   |
| <b>System Memory</b>       | DDR266 SDRAM socket support up to 1GB  |
| <b>Display</b>             | Integrated i852GM<br>- Support dual display, dual view<br>- DB-15 VGA connector<br>- DF14-30F dual channel LVDS connector<br>- Optional DVI interface  |
| <b>Ethernet</b>            | 2 x 10/100 Mbps intel 82562ET/82551ER fast Ethernet controller onboard   |
| <b>SSD</b>                 | Support Compact Flash Type II Socket (rear side)   |
| <b>I/O</b>                 | - 1 x RS-232 serial port<br>- 1 x RS-232/422/485 serial port with Auto-Direction function<br>- 1 x LPT by pin-header<br>- 1 x IrDA by pin-header<br>- 5 x USB 2.0 (4 by pin header, 1 by connector)<br>- 1 x FDD<br>- 2 x ATA-100 IDE Channel<br>- 1 x PS/2 connector for keyboard/mouse |
| <b>Audio</b>               | AC '97 compliant Audio codec   |
| <b>WDT</b>                 | Software programmable supports 1 ~ 255 seconds system reset  |
| <b>Hardware monitoring</b> | Provides CPU Vcore, Vcc; CPU/System fan speed and temperature detecting function   |
| <b>Operating Temp</b>      | 0~60°C   |
| <b>Relative Humidity</b>   | 5~95%, non-condensing  |

## Option

● **CB-USB03** Dual ports USB cable with bracket and 2.0mm pitch connector

● **CF-518**  
High performance pentium-M CPU cooler

## Feature

- Support Intel Pentium-M / Celeron-M up to FSB 400MHz
- Intel 852GM integrated graphic engine support dual display function
- DDR266 SDRAM memory support upto 1GB
- Dual LAN, USB2.0, Audio Integrated

*Tech Talk*

## Intel Pentium M/ Celeron M Introduction

The Intel® Pentium® M/ Celeron® M processor utilizes a new microarchitecture to meet the current and future demands of high-performance, low-power embedded computing, making it ideal for communications, transaction terminal, interactive client, and industrial automation applications. While incorporating advanced processor technology, it remains software-compatible with previous members of the Intel® microprocessor family.

| Product Number                             | Core speed (GHz) | FSB (MHz) | L2 Cache | Thermal | VID               | Package     |
|--|------------------|-----------|----------|---------|-------------------|-------------|
| <b>.13µ Process Technology (Celeron-M)</b> |                  |           |          |         |                   |             |
| 320  | 1.3              | 400       | 512KB    | 24.5W   | 1.356V            | µFC-BGA 479 |
| 320  | 1.3              | 400       | 512KB    | 24.5W   | 1.356V            | µFC-PGA 478 |
| -  | 600 (MHz)        | 400       | 512KB    | 7.0W    | 1.004V            | µFC-BGA 479 |
| <b>90nm Process Technology (Pentium M)</b> |                  |           |          |         |                   |             |
| 745  | 1.8              | 400       | 2MB      | 21W     | 1.276V<br>~1.340V | µFC-PGA 478 |
| 745  | 1.8              | 400       | 2MB      | 21W     | 1.276V<br>~1.340V | µFC-BGA 479 |
| 738  | 1.4              | 400       | 2MB      | 10W     | 1.116V            | µFC-BGA 479 |
| <b>.13µ Process Technology (Pentium M)</b> |                  |           |          |         |                   |             |
| -  | 1.6              | 400       | 1MB      | 24.5W   | 1.484V            | µFC-PGA 478 |
| -  | 1.6              | 400       | 1MB      | 24.5W   | 1.484V            | µFC-BGA 479 |
| -  | 1.1              | 400       | 1MB      | 12W     | 1.180V            | µFC-BGA 479 |

## Ordering Information

### ● JUKI-6770E2-R10

PCISA Intel Pentium-M/Celeron-M CPU Card with LCD/CRT VGA, Dual LAN, USB2.0 and Audio

### ● JUKI-6770E2-600-R10

PCISA Intel Celeron-M 600MHz CPU Card with LCD/CRT VGA, Dual LAN, USB2.0 and Audio

For GbE, DVI, Pentium-M introduction LV Pentium-M 1.1GHz CPU, please contact supplier