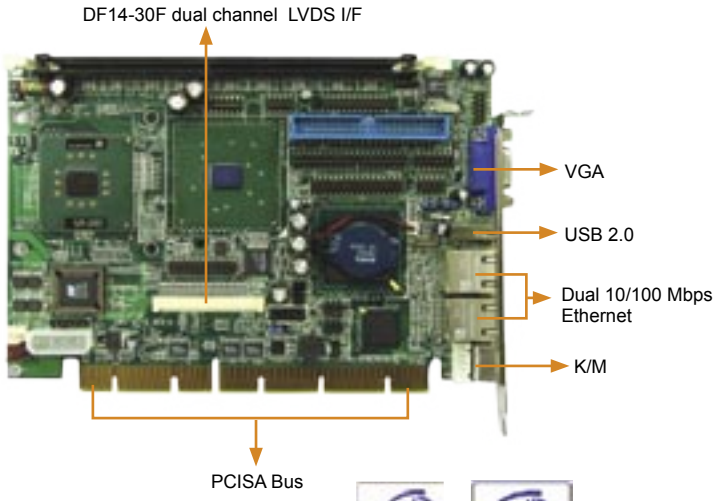
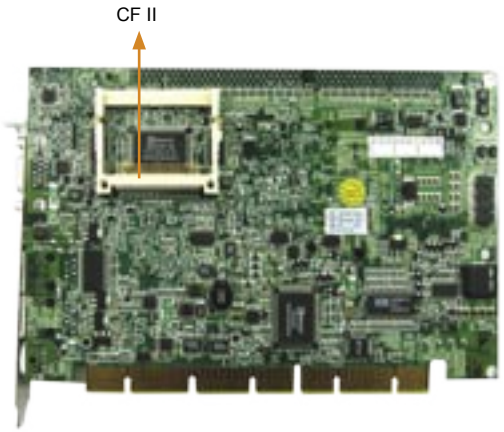
JUKI-6770

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

Coming Soon

Long Term Supports





Dual Display USB 2.0

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

Specifications

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

IEI Option

- **CB-USB03** Dual ports USB cable with bracket and 2.0mm pitch connector page 5-6
- **CF-518** High performance pentium-M CPU cooler page 5-5

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
.13µ Process Technology (Celeron-M)						
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
90nm Process Technology (Pentium M)						
745	1.8	400	2MB	21W	1.276V ~1.340V	µFC-PGA 478
745	1.8	400	2MB	21W	1.276V ~1.340V	µFC-BGA 479
738	1.4	400	2MB	10W	1.116V	µFC-BGA 479
.13µ Process Technology (Pentium M)						
-	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 lintroduction LV Pentium-M 1.1GHz CPU, please confact supplier