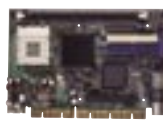


Half Size CPU Card Selection Guide



Model Name	JUKI-6770	PSB-4710EV	PCISA-3716EV/ E2V-R3	PCISA-C400EVN, PCISA-C400EVR	PCISA-C800EVN/ EVR-1G, PCISA- EDEN-400EVN/EVR	ROCKY-512
CPU Socket	Socket-479	Socket-478	Socket-370	On Board CPU		
CPU Type	Intel Pentium-M / Celeron-M	Intel P4 / P4-M / Celeron	Intel Tualatin/ P3 / Celeron	ULV Intel Celeron 400MHz	VIA C3 1GHz (PCISA-C800EVN/ EVR-1G) VIA EDEN 400MHz (PCISA-EDEN- 400EVN/EVR)	AMD Geode GX1- 300MHz
Chipset	Intel 852GM + ICH 4	Intel 845GV + ICH 4	SiS 630ET	VIA 8601A + VT82C686B	VIA 8601A + VT86C686B	AMD GX1 + CS5530A
Memory	DDR200 / 266 SDRAM up to 1GB	1 x DDR200 / 266 SDRAM up to 1GB	1 x PC100 / 133 SDRAM up to 512MB	1 x DIMM socket upto 512MB	1 x DIMM socket upto 512MB	On board 64 or 128 MB SDRAM 1 x DIMM upto 512MB
Graphic	Integrate with i852GM	Integrate with i845GV	Integrate SiS630ET	Integrate VIA 8601A	Integrate VIA 8601A	Integrate System Chipset
LCD Interface	Dual chance 48-bit LVDS	N/A	N/A	N/A	N/A	N/A
Ethernet	2 x 10/100 Mbps Ethernet	One 10/100 Mbps Ethernet	One 10/100 Mbps Ethernet(EV) or Dual 10/100 Mbps Ethernet (E2V)	One 10/100Mbps Ethernet	One 10/100Mbps Ethernet	One 10/100 Mbps Ethernet
I/O Interface	1 x RS-232 1 x RS-232/422/485 1 x PS/2 KB/MS 1 x LPT(SPP/EPP/ ECP) 5 x USB 2.0 1 x IrDA	1 x RS-232 1 x RS-232/422/485 1 x PS/2 KB/MS 1 x LPT(SPP/EPP/ ECP) 2 x USB 2.0 1 x IrDA	2 x RS-232 1 x PS/2 KB/MS 1 x LPT(SPP/EPP/ ECP) 2 x USB 1.1 1 x IrDA	2 x RS-232 1 x PS/2 KB/MS 1 x LPT(SPP/EPP/ ECP) 4 x USB 1.1 1 x IrDA	2 x RS-232 1 x PS/2 KB/MS 1 x LPT(SPP/EPP/ ECP) 4 x USB 1.1 1 x IrDA	2 x RS-232 1 x PS/2 KB/MS 1 x LPT(SPP/EPP/ ECP) 2 x USB 1.1 1 x IrDA 8 x Digital I/O channel
Drive Interface	2 x IDE ATA-100/ 66/33 1 x FDD	2 x IDE ATA-100/ 66/33 1 x FDD	1 x IDE ATA-100/ 66/33 1 x FDD	2 x IDE ATA-100/ 66/33 1 x FDD	2 x IDE ATA-100/ 66/33 1 x FDD	1 x IDE ATA-100/ 66/33 1 x FDD
Audio	AC'97 CODEC	AC'97 CODEC	AC'97 CODEC	AC'97 CODEC	AC'97 CODEC	N/A
SSD	CF Type II	CF Type II	CF Type II	CF Type II	CF Type II	CF Type II , Doc
Power Consumption		+12V@4.6A, +5V@3.6A (P4 2.4GHz ,512MB DDR SDRAM)	+12V@0.17A, +5V@6A (P3 500MHz, 512MB SDRAM)	+12V@0.17A, +5V@2.6A, +5VSB@0.18A (Intel ULV 400MHz CPU, 512MB SDRAM)	+12V@0.17A, +5V@3.8A, +5VSB@0.18A (VIA C3 800MHz , 1GB SDRAM)	+5V@1.8A (extra 128MB SDRAM module)
Watchdog Timer	Software Programmable 1-255 sec system reset					
Hardware Monitor	CPU Vcore, Vcc, CPU/System fan speed and temperature detecting function					N/A
Operation Environment	Temperature Range 0 ~ 60°C Relative Humidity 5 ~ 95 %, non-condensing					
Recommand Fancooler	CF-518	CF-512,CF-515	CF-504	Fanless	On Board Fan or Fan- less	Fanless
Remark		PCI Bus Only	PCISA	PCISA	PCISA	ISA

Single
Board
Computer

PIAGP Series

PICMG

Half-Size

Industrial
Motherboard

5.25" NOVA

EPIC NANO

3.5" WAFER

ETX

PC/104

Add-on Card

IVC Card

Backplane

LCD

Product
Series

Chassis

Power
supply

Peripheral

Half Size CPU Card Selection Guide



Model Name	JUKI-3711PTN, JUKI-3711PTR	JUKI-745E-R4	JUKI-C400	JUKI-C3-1GN JUKI-C3-1GR JUKI-EDEN-400N JUKI-EDEN-400R	JUKI-510-300-R1 JUKI-511P-300-R1	JUKI-6752
CPU Socket	Socket-370	Socket-7	On board CPU	On Board CPU	On board CPU	On board CPU
CPU Type	Intel Coppermine/ Tualatin P3/Celeron Socket-370 based	Intel Pentium socket 7 based	ULV Intel Celeron 400 MHz	VIA C3 1GHz (JUKI-C3-1G) VIA EDEN 400MHz (JUKI-EDEN-400)	AMD Geode GX1- 300MHz	Intel Tillamook Pentium 266
Chipset	VIA 694T + VT82C686B	Ali Aladdin 4+	VIA 8606T + VT82C686B	VIA 8606T + VT82C686B	AMD GX1 + CS5530A	Intel 430TX
Memory	PC100/133 SDRAM upto 512MB	SIMM upto 128MB EDO RAM	SO-DIMM upto 512MB SDRAM	PC100/133 SDRAM upto 512MB	DIMM upto 256MB SDRAM	DIMM SDRAM upto 128MB
Graphic	Asilant(C&T) 69000, 2M /4M(69030 Optional) RAM	CHIPS 69000 2MB RAM	Integrate ProSavage in 8606T	Integrate ProSavage in 8606T	Integrate CS5530A	Asilant(C&T) 69000 2MB RAM
LCD Interface	50-pin for TTL DB-15 for CRT	50-pin 36-bit TTL 44-pin 18-bit TTL (with FP24-01A) LVDS-01 and LVDS-02 module Optional DB-15 for CRT	20-pin 36-bit dual channel LVDS 50-pin for TTL	20-pin 36-bit dual channel LVDS 50-pin for TTL DB-15 for CRT	50-pin 18-bit TTL 44-pin for TTL (with FP24-01A) LVDS (LVDS-01) CRT DB-15 AV-Out S-video	50-pin for TTL 44-pin for TTL (with FP24-01A) DB-15 for CRT
Ethernet	One 10/100 Mbps Ethernet	One 10/100Mbps Ethernet	Dual 10/100 Mbps Ethernet	Dual 10/100 Mbps Ethernet	One 10/100Mbps Ethernet	One 10 Mbps Ethernet
I/O Interface	2 x RS-232 1 x PS/2 KB/MS 1 x LPT(SPP/EPP/ ECP) 2 x USB 1.1 1 x IrDA	2 x RS-232 1 x PS/2 KB/MS 1 x LPT(SPP/EPP/ECP) 1 x USB 1.1 1 x IrDA	4 x RS-232 1 x PS/2 KB/MS 1 x LPT(SPP/EPP/ ECP) 3 x USB 2.0 2 x USB 1.1 1 x IrDA	4 x RS-232 1 x PS/2 KB/MS 1 x LPT(SPP/EPP/ ECP) 3 x USB 2.0 2 x USB 1.1 1 x IrDA	2 x RS-232 1 x PS/2 KB/MS 1 x LPT(SPP/EPP/ ECP) 2 x USB 1.1 1 x IrDA	1 x RS-232 1 x RS-232/422/485 1 x PS/2 KB/MS 1 x LPT(SPP/EPP/ ECP) 2 x USB 1.1 1 x IrDA
Drive Interface	1 x IDE ATA-100/ 66/33 1 x FDD	1 x ATA-33 1 x FDD	1 x IDE ATA-100/ 66/33 1 x FDD	1 x IDE ATA-100/ 66/33 1 x FDD	1 x ATA-33 1 x FDD	1 x ATA-33 1 x FDD
Audio	N/A	N/A	AC'97 Codec	AC'97 Codec	AC'97 compliant Audio CODEC	N/A
SSD	DiskOnChip	DiskOnChip	CF Type II	CF Type II	CF Type II	CF Type II
Power Consumption	+12V@0.5A, +5V@7A(P3 1GHz, 256MB SDRAM)	+12V@0.17A +5V@5A -12V@0.02A (Pentium MMX 233MHz 32MB EDO RAM)	+12V@0.5A, +5V@2.8A (256MB SDRAM)	+5V@3.1A (VIA EDEN 400MHz 256MB SDRAM)	+12V@0.1A +5V@2A (64MB SDRAM)	+12V@0.17A +5V@5A -12V@0.02A (32MB SDRAM)
Watchdog Timer	Software Programmable 1-255 sec system reset	Software Programmable 1-255 sec system reset	Software Programmable 1-255 sec system reset	Software Programmable 1-255 sec system reset	Software Programmable 1-255 sec system reset	Software Programmable 1-255 sec system reset
Hardware Monitor	Hardware Monitoring system	N/A	CPU Vcore, Vcc, CPU/System fan speed and temperature detecting function	Hardware Monitoring system	N/A	Hardware monitoring chip on-board
Operation Environment	Temperation Range 0 ~ 60°C Relative Humidity 5 ~ 95 %, non-condensing	Temperation Range 0 ~ 60°C Relative Humidity 5 ~ 95 %, non-condensing	Temperation Range 0 ~ 60°C Relative Humidity 5 ~ 95 %, non-condensing	Temperation Range 0 ~ 60°C Relative Humidity 5 ~ 95 %, non-condensing	Temperation Range 0 ~ 60°C Relative Humidity 5 ~ 95 %, non-condensing	Temperation Range 0 ~ 60°C Relative Humidity 5 ~ 95 %, non- condensing
Recommand Fancooler	CF-504	CF-502	Fan-less	Fan or Fanless	Fan-less	Fan-less
Remark	PCISA	ISA	PCISA	PCISA	ISA (510) PCISA (511P)	ISA

Half Size CPU Card Selection Guide



Model Name	ROCKY-418-R3	JUKI-750E-R3 JUKI-752-R3	JUKI-752	ROCKY-318-M4-R3	ROCKY-328-M4-R2	JUKI-730-M4-R3
CPU Socket	On Board CPU	On board CPU	On board CPU	On Board CPU	On Board CPU	On board CPU
CPU Type	Maple 486DX4-100	Maple on board 486DX4-100	Maple on board 486DX4-100	ALi M6117	ALi M6117	ALi M6117
Chipset	ACC Maple	ACC Maple	ACC Maple	ALi M6117	ALi M6117	ALi M6117
Memory	2 SIMM upto 64MB EDO RAM	SIMM upto 32MB EDO RAM	SIMM upto 32MB EDO RAM	1 SIMM upto 16MB DRAM or on board 2M/4M DRAM	SIMM upto 16MB DRAM or on board 2M/ 4M DRAM	SIMM DRAM upto 16MB / on board 2M(JUKI-2M-R3) 4M(JUKI-4M-R3) DRAM
Graphic	N/A	HM-86508 1MB RAM	HM-86508 1MB RAM	N/A	N/A	HM86508 1MB RAM
LCD Interface	N/A	44-pin 18-bit TTL channel DB-15 for CRT	44-pin 18-bit TTL channel DB-15 for CRT	N/A	N/A	44-pin 18-bit TTL channel DB-15 for CRT
Ethernet	N/A	One 10 Mbps Ethernet (JUKI-750E-R3)	N/A	N/A	One 10 Mbps Ethernet	N/A
I/O Interface	1 x RS-232 1 x RS-232/422/485 2 x PS/2 KB/MS 1 x LPT(SPP/EPP/ECP) 1 x IrDA	1 x RS-232 (JUKI-750E-R3) 1 x RS-232/422/485 2 x RS-232 (JUKI-752-R3) 1 x PS/2 KB/MS 1 x LPT(SPP/EPP/ECP)	2 x RS-232 1 x PS/2 KB/MS 1 x LPT(SPP/EPP/ECP)	2 x RS-232 1 x LPT(SPP/EPP/ECP) 2 x PS/2 KB/MS	2 x RS-232 1 x LPT(SPP/EPP/ECP) 2 x PS/2 KB/MS	3 x RS-232 1 x RS-232/422/485 1 x PS/2 KB/MS 1 x LPT(SPP/EPP/ECP)
Drive Interface	1 x IDE PIO-4 1 x FDD	1 x IDE PIO-4 1 x FDD	1 x IDE PIO-4 1 x FDD	1 x IDE PIO-4 1 x FDD	1 x IDE PIO-4 1 x FDD	1 x IDE PIO-4 1 x FDD
Audio	N/A	N/A	N/A	N/A	N/A	N/A
SSD	DiskOnChip	DiskOnChip	DiskOnChip	DiskOnChip	DiskOnChip	DiskOnChip
Power Consumption	+5V@1.5A (32MB EDO RAM)	+5V@1.65A (32MB RAM)	+5V@1.55A (32MB RAM)	+5V@1.1A (4MB EDO RAM)	+5V@1.3A (4MB EDO RAM)	+5V@1.6A (32MB RAM)
Watchdog Timer	Software Programmable 1-220 sec system reset	Software Programmable 1-220 sec system reset	Software Programmable 1-220 sec system reset	Software Programmable 1-220 sec system reset	Software Programmable 1-220 sec system reset	Software Programmable 1-220 sec system reset
Hardware Monitor	N/A	N/A	N/A	N/A	N/A	N/A
Operation Environment	Temperation Range 0 ~ 60°C Relative Humidity 5 ~ 95 %, non-condensing	Temperation Range 0 ~ 60°C Relative Humidity 5 ~ 95 %, non-condensing	Temperation Range 0 ~ 60°C Relative Humidity 5 ~ 95 %, non-condensing	Temperation Range 0 ~ 60°C Relative Humidity 5 ~ 95 %, non-condensing	Temperation Range 0 ~ 60°C Relative Humidity 5 ~ 95 %, non-condensing	Temperation Range 0 ~ 60°C Relative Humidity 5 ~ 95 %, non-condensing
Recommand Fancooler	Fan-less	Fan-less	Fan-less	Fan-less	Fan-less	Fan-less
Remark	ISA	ISA	ISA	ISA	ISA	ISA

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