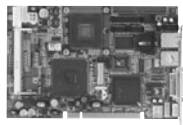


PICMG 1.0 Half-size CPU Cards

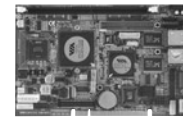
Selection Guide



Page 164



Page 165



Page 166

Features/Models		SBC82820	SBC82702	SBC82700	
Form Factor		PCI	ISA	PCI	
CPU Level		Intel® Pentium® M/Celeron® M	VIA V4	VIA V4	
CPU Socket		Socket 478	Onboard	Onboard	
CPU FSB Frequency		400 MHz	400 MHz	400 MHz	
Core Logic Chipset		Intel® 910GML+ICH6M	VIA CN700+VT8237R-Plus	VIA CN700+VT8237R-Plus	
Memory Type		DDR2-400/533	DDR2-400/533	DDR2-400/533	
Max. DRAM Capacity		2 GB	1 GB	1 GB	
Cache RAM Capacity		L2 in CPU	L2 in CPU	L2 in CPU	
BIOS		Phoenix-Award	Phoenix-Award	Phoenix-Award	
Watchdog Timer		255 levels, 1-255 sec.	255 levels, 1-255 sec.	255 levels, 1-255 sec.	
Onboard SSD		1 x CompactFlash™	1 x CompactFlash™	1 x CompactFlash™	
Onboard Digital I/O		N/A	N/A	N/A	
I/O	IDE	1 x PATA-100	1 x PATA-133	1 x PATA-133	
	SATA	2 x SATA-150	2 x SATA-150	2 x SATA-150	
	FDD	1 x FDD (optional)	1 x FDD	1 x FDD	
	LPT	1 x LPT	1 x LPT	1 x LPT	
	Serial	COM 1	RS-232	RS-232	RS-232
		COM 2	RS-232/422/485	RS-232/422/485	RS-232/422/485
		COM 3	N/A	N/A	N/A
		COM 4	N/A	N/A	N/A
USB	4 x USB 2.0	4 x USB 2.0	4 x USB 2.0		
IrDA	N/A	N/A	N/A		
IEEE 1394a		N/A	N/A	N/A	
Display		1 x VGA 1 x LVDS 1 x DVI-D	1 x VGA 1 x LVDS	1 x VGA 1 x LVDS	
Onboard Ethernet		2 x 10/100/1000Mbps Ethernet	2 x 10/100Mbps Ethernet or 2 x 10/100/1000Mbps Ethernet	2 x 10/100Mbps Ethernet or 2 x 10/100/1000Mbps Ethernet	
Onboard Audio		AC'97 Codec	AC'97 Codec	AC'97 Codec	
Hardware Monitoring		Yes	Yes	Yes	
SMBus		Yes	Yes	Yes	
Expansion Interface		PCI	ISA	PCI	
Power Management		ACPI	ACPI	ACPI	
Battery		Lithium	Lithium	Lithium	
Operating Temperature		0°C ~ +60°C (32°F ~ 140°F)	0°C ~ +60°C (32°F ~ 140°F)	0°C ~ +60°C (32°F ~ 140°F)	
Relative Humidity		10% to 95%, non-condensing	10% to 95%, non-condensing	10% to 95%, non-condensing	
EMI Compliance		CE	CE	CE	
Wide Temperature		By Request	By Request	By Request	