

GEME-43000



Ultra Low Voltage Intel® Celeron® M 1GHz, Zero Cache General Embedded Machine Engine ♪



Specifications

		GEME-43000
SBC	SBC Model No.	EBC-P400D
	CPU	Ultra Low Voltage Celeron M 1.0GHz
	Cache	Zero
	System Memory	One SODIMM socket for up to 1GB DDR266
	Chipset	Intel® 852GM Graphics and Memory Controller Hub (GMCH) Intel® I/O Controller Hub 4 (ICH4)
	VGA	On-board VGA controller built-in AGP Up to 1600 x 1200 in 32-bit color at 85Hz refresh rate
	BIOS	Award BIOS, support PnP
	USB	Two USB ports, USB 2.0 compliant
	Ethernet	Intel® 82562EM 10BaseT/100BaseT x 1 Intel® 82541PI 1000Base-T/100Base-TX/10Base-T x 1
	Super I/O Chipset	Winbond W83627HF
	Hardware Monitoring	Built-in Winbond W83627HF, monitoring CPU temperature, voltage and battery, +3.3V, +5V, +12V voltage
	COM Ports	COM1/ COM2: 16550 UART compatible ports with RS-232 interface, COM2 also supports RS-422, RS-485
	Parallel Port	One high-speed parallel port, SPP/EPP/ECP mode
	Keyboard/Mouse	Combed PS/2 type mini-DIN connectors
	PMC Interface	1 on-board 32-bit 33Mhz PMC module socket
PC104 Interface	16-bit, PC/104 interface for functionally expansion	
Watchdog Timer	Time-out timing select 1-255 seconds	
System	Power Supply	AC input: 100 V _{AC} to 220 V _{AC} External Power Adapter DC input: 10V _{DC} to 30V _{DC} , Max. input current: 13A at 10V _{DC}
	Operating Temp.	-10°C to +50°C
	Humidity	0 to 90%
	Dimensions	183 x 140 x 73.8 mm (wall mount kit not included) [16.84 mm(H) for each extension kit]
	Power Consumption	With 512MB DDRAM +5V 4.0A, +12V 300mA Test conditions: (1) CPU 100% loading (2) No HDD, CD ROM, extension module
	Storage	50 pin socket for CompactFlash Type I/II one 44-pin IDE HDD (Optional)
	Operating System	Windows® CE, Windows® XP Embedded, Linux
	Random Vibration	Operating: 5-100Hz, 0.00142 g ² /Hz; 100-500Hz, -6dB/Octave, 0.5Grms, 3axes, 30 minutes/axis