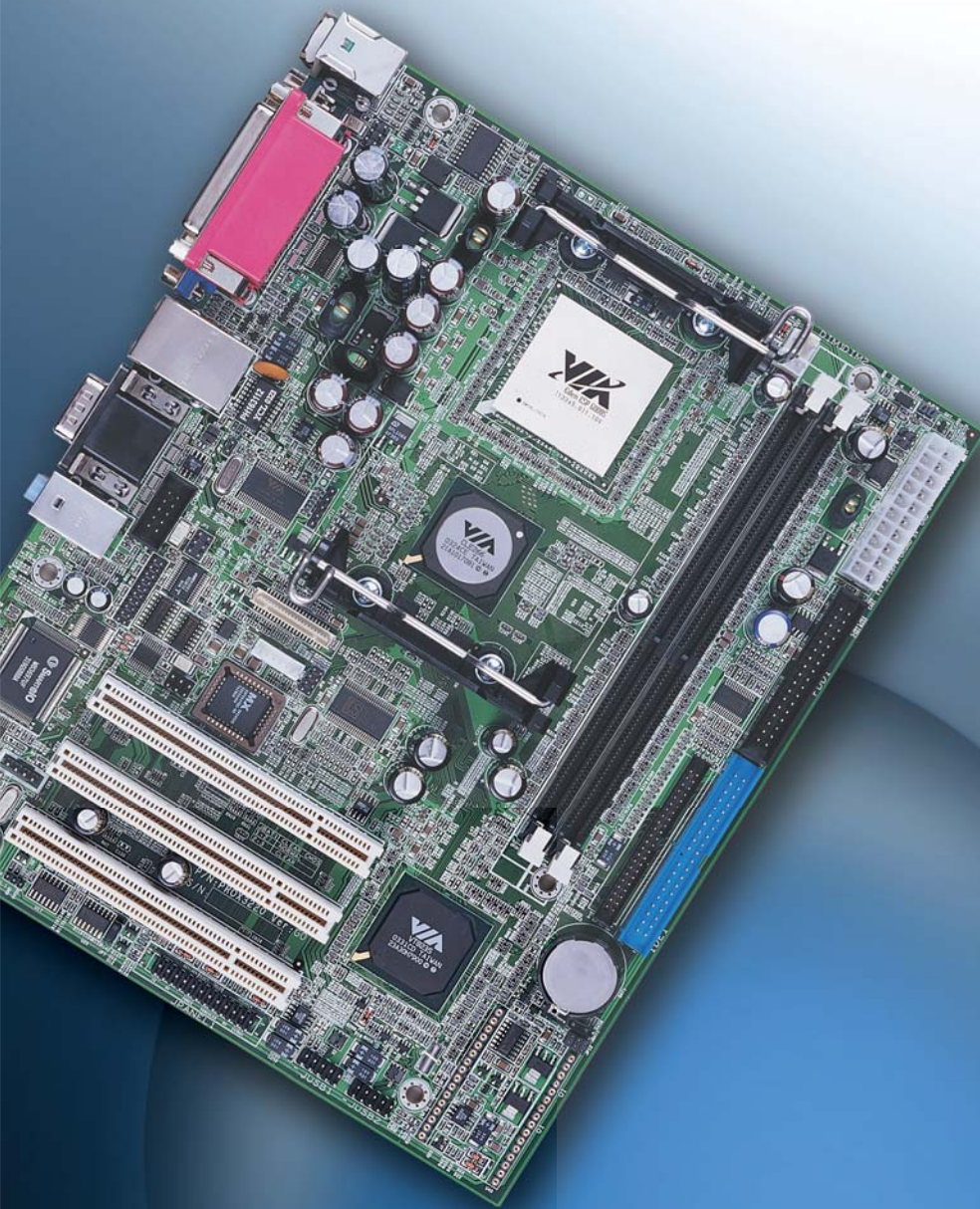


SBC



PMB-3220

VIA Eden™ LP Industrial MicroATX Motherboard With VGA/Sound/LAN

PMB-3220 is a MicroATX motherboard built-in with VIA Eden™ Low Power CPU at speed of 400/667MHz, VGA, Sound, LAN and other enhanced I/O interfaces. It is suitable for systems required a board controller with multi-functions. It has VGA function (up to 32MB share memory) built-in VIA CLE266 chip to simultaneously display both CRT monitor and LCD panel. Together with the VGA function, PMB-3220 is also equipped with VIA VT1612A AC'97 Codec sound chip providing stereo full duplex multimedia environment to achieve conferencing and communication. All these features help the PMB-3220 to perform the best quality of graphic image, animation and sound.

It also provides solutions for networking systems. Embedded with VIA VT 6103, the motherboard supports 10/100 Base-TX fast Ethernet. It has two 184-pin DDR DIMM sockets supporting up to 2GB DDR DRAM, and three PCI bus for other expanded applications.

Other features include 2 EIDE interfaces, 6 USB 2.0, 1 parallel, and 4 COM ports, one of which can be configured as RS-232/422 or RS-485.



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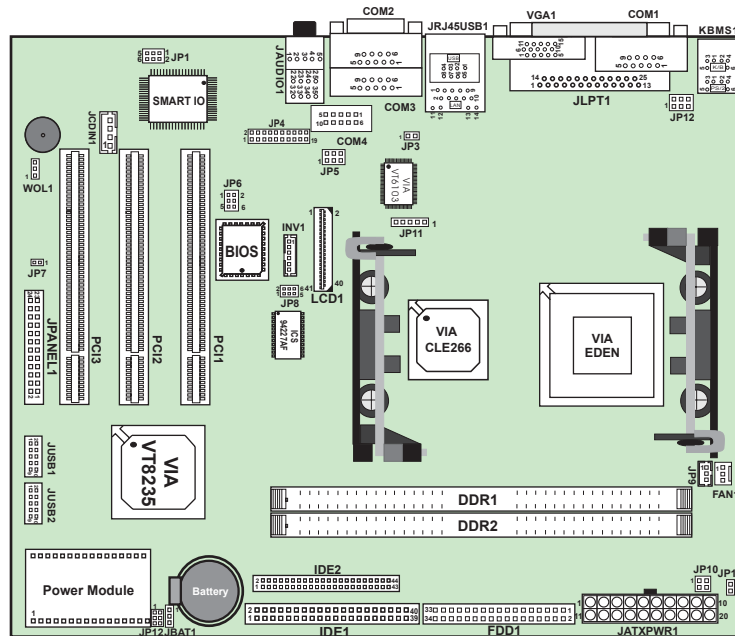
Email: sales@protech.com.tw

<http://www.protech.com.tw>

ISO CERTIFIED
9001 14001

PMB-3220

VIA Eden™ MicroATX Motherboard w/ VGA/Sound/LAN



Specifications

System	
CPU Type	VIA Eden™ processor
CPU Frequency	733MHz
Chipset	VIA VT8606 + VT82C686B
DRAM	2 x 184-pin DDR DIMM, support DDR333 SDRAM up to 2GB max.
BIOS	Phoenix-Award PnP BIOS, with VGA BIOS
Power Supply	Support ATX power
Power Requirement	+5V, +12V, -12V
Power Consumption	+5V: 3.71A / +12V: 2.29A (VIA Eden™ 733MHz)
Dimension	244mm x 200mm (9.6"x 7.87")

I/O Chipset

IDE Interface	1x40-pin IDE (UDMA 33/66/100/133) 1x44-pin IDE (UDMA 33/66/100)
FDD Interface	1
Bus Interface	3xPCI slots
Serial Port	4 x COM ports, COM1/3/4 for RS232, COM2 for RS232/422/485 (for 16550 compatible type of UART)
Parallel Port	1 x parallel (SPP/EPP/ECP)

Keyboard	Mini DIN connector
Mouse	Mini DIN connector
LAN	VIA VT6103 (10/100 Mbps), support Wake-on-LAN with ATX power
Audio	AC '97 Codec, VIA VT1612A with Line-in/Line-out/MIC
USB	6 x USB 2.0

Display

Graphic	Built-in VIA CLE266, share system memory, support CRT & TTL
LCD Interface	18/24-bit TTL

Environment

OperationTemp.	0°~60°C(32°~140°F)
Storage Temp.	-40°~85°C(-40°~185°F)
Humidity	Operation humidity 20~90%, storage humidity 20~95%

Ordering Information

PMB-3220-C733 Micro ATX size MB with VIA Eden 733MHz CPU / VGA / audio / LAN

Certificate: CE, FCC, CLASS A

PERFORMANCE & POWER CONSUMPTION

CPU Type	3D Mark 2001 SE Build 330	Business Winstone 2001	Content Creation Winstone 2001	Power Consumption +5V and +12V
VIA Eden™ 667MHz	318	18.6	19.8	3.44A / 0.2A

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