

Prox-1655 Socket 370 Main board w/ VGA/Sound/2LAN

Prox-1655 supports Socket 370 for Intel Pentium III Tualatin (FC-PGA / FC-PGA2) Processor or Celeron Processor which is based on Intel 815E (544BGA) Chipset w/AGP 4x/2x universal slot and supports 66/100/133MHz FSB; Intel ICH2 (241BGA) Chipset w/AC'97 Controller, Integrated 2 full IDE channels up to ATA100; Integrated 10/100 Mb/sec Ethernet; Low pin count interface for Winbond W83877TF; 4 USB ports. On-Board Peripherals include 1 Floppy port; 4 Serial ports (COM2 for RS232/422/485); 2 Parallel ports supports SPP/EPP/ECP mode & 4 USB ports.

It also has built in GMCH VGA function with maximum 64MB shared memory for CRT & Panel Link (Optional) - Not enough for multimedia & 3D application? Protech Systems has prepared the AGP slot for graphic addon card expansion. For networking purpose, the Prox-1655 has also built in Intel 82562ET PHY & 82559, 10/100 Bas-TX Ethernet, 1xRJ-45 Jack, 1x 6pins header on board to have dual LAN function.



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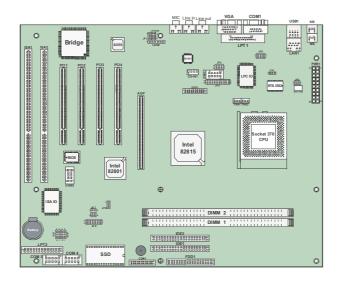
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Prox-1655

Socket 370 Main board w/ VGA/Sound/2LAN



CPU Type IntelR Celeron™/P-III/Tualatin processors CPU Voltage Auto detect CPU Frequency 566MHz~1GHz & up reserved Chipset IntelR®815E Chipset with GMCH, ICH2, FWH DRAM 2 x 168-pin DIMM up to 512MB Cache Built-in CPU BIOS Phoenix-Award PnP BIOS, Firmware Hub BIOS 4MB, with VGA BIOS I/O Chipset ICH2, LPC & Winbond W83877TF IDE Interface 2 x EIDE (UDMA-33/66/100) FDD Interface 1 Serial Port 4 x 16550 UART, COM2 for RS232/422/485 Parallel Port 2 x parallel (SPP/EPP/ECP) Watchdog 16 level Watchdog Timer selectable w/ Reset/NMI CMOS Built-in ICH2, battery backup Keyboard Mini DIN connector Mouse Mini DIN connector Speaker Internal buzzer VGA Built-in GMCH, max. 64M shared memory for CRT, PanelLink (optional)	CPU Type IntelR Celeron [™] /P-III/Tualatin processors CPU Voltage Auto detect CPU Frequency 566MHz~1GHz & up reserved Chipset IntelR [®] 815E Chipset with GMCH, ICH2, FWH DRAM 2 x 168-pin DIMM up to 512MB Cache Built-in CPU BIOS Phoenix-Award PnP BIOS, Firmware Hub BIOS 4 with VGA BIOS I/O Chipset ICH2, LPC & Winbond W83877TF IDE Interface 2 x EIDE (UDMA-33/66/100) FDD Interface 1 Serial Port 4 x 16550 UART, COM2 for RS232/422/485 Parallel Port 2 x parallel (SPP/EPP/ECP)	MB,			
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PanelLink (optional)	VGA Built-in GMCH, max. 64M shared memory for CR	Т,			
	PanelLink (optional)				
IrDA 1 x IrDA (SIR)	IrDA 1 x IrDA (SIR)				

LAN	Intel 82562ET PHY & 82559, 10/100 Base-TX				
	Ethernet, 1 x RJ-45 Jack, 1 x 6-pin header,				
	Support Wake-on-LAN				
USB	4 x USB 1.1				
Bus Interface	2 ISA Bus, 4 PCI, 1AGP Bus share 6 slots				
Power Supply	Support AT/ATX power				
SSD	32-pin socket supports DOC up to 144MB				
Power Requirement	t +5V and +12V				
Hardware Monitor	Voltage, CPU temp. & cooling fan				
Green Function	Controlled by hardware & software				
Mechanical and	Environment				
Operation	0°C ~60°C, 32°F ~ 140°F				
Temperature					
Storage	-40 °C ~ 85 °C, -40 °F ~ 185 °F				
Temperature					
Humidity	20~90%				
Vibration	2.5g acceleration over 5 to 2000Hz sine wave(p-				
	p),1 oct/min sine sweep				
Shock	30g, 11 msec duration, half-sine shock pulse				
Dimension	305mm x 244mm, 12" x 9.61"				
Available Model	s				
Prox-1656 with VG	A/Sound/1LAN				

PERFORMANCE & POWER CONSUMPTION						
CPU Type	Business Winstone 99	Content Create Winstone 2000	Content Create Winstone 2001	Power Consumption +5V and +12V		
VIA [®] C3 866MHz	30	19.6	18.4	3.72A/0.17A		
Intel [®] Celeron 1300MHz	37.9	31.1	30.1	6.41A/0.18A		
Intel P III 1000MHz	35.6	28.7	27.7	6.8A/0.09A		



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