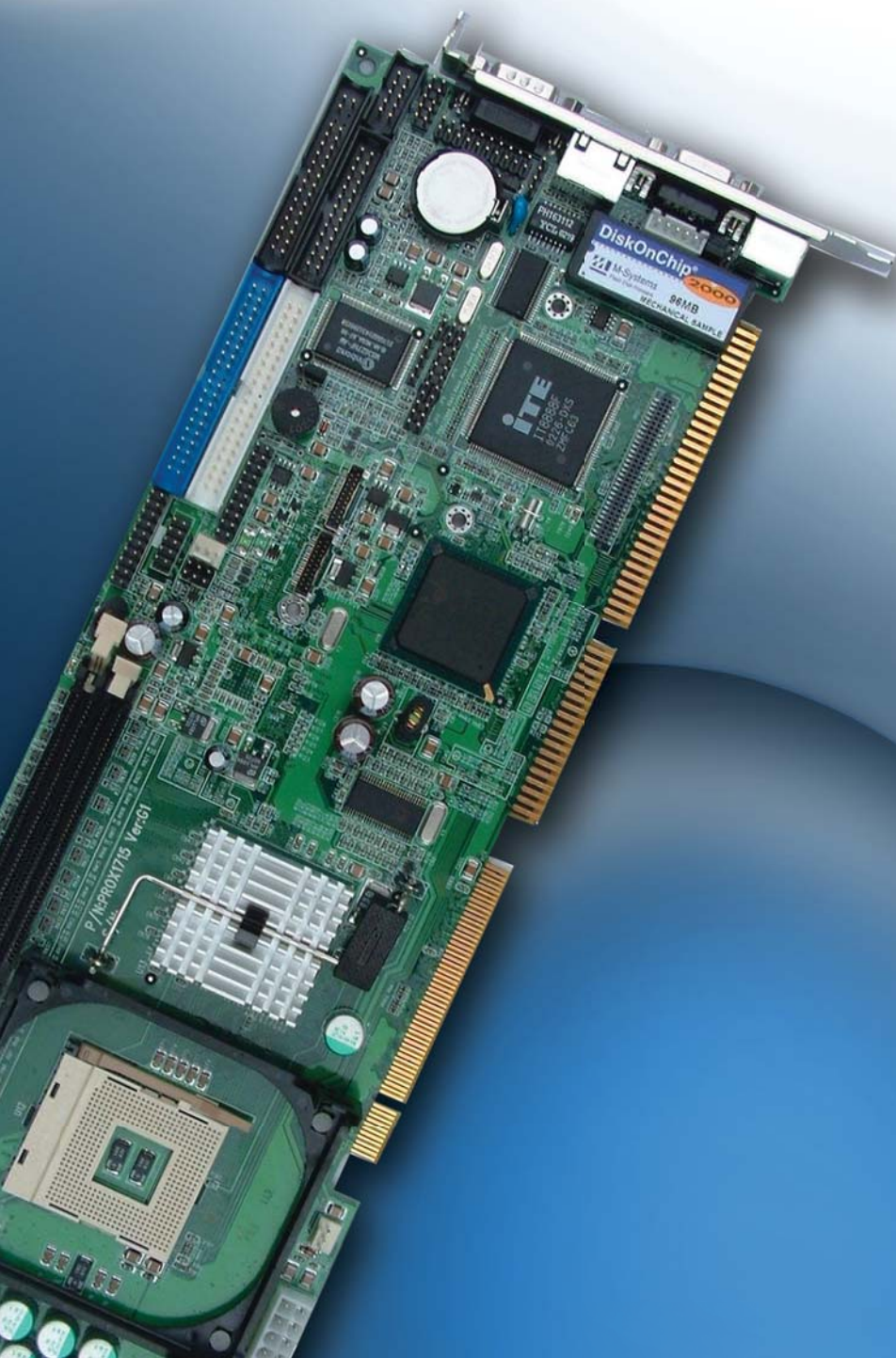


SBC



Prox-1715

Socket 478 Pentium® 4 CPU Card with VGA/Sound/LAN

Prox-1715 is elaborately designed. Powered by Intel® 845E chipset which support the Intel Pentium® 4 processor built with Intel's 0.13-micron technology, the Pentium® 4 processor delivers significant performance gains for use in multimedia computing, business solutions and all your processing needs. The Prox-1715 can run up to P4 2.X GHz that is the fastest CPU available on the market, bringing industrial automation to a high-speed world. Not only does the Prox-1715 support Intel® most advanced processors, it is also deployed with an effective VGA controller to enhance its function. Equipped with ATI Mobility M6 VGA chipset, the CPU card is empowered to support AGP 4x standard, which makes it an ideal engine for 3-D graphics.

While exceeding the speed limit, the Prox-1715 is also strengthened with a great memory system. Two 184pins DDR DIMM are onboard to support up to 2GB DDR SDRAM and ECC registered module as well under the control of Intel 845E chipset. With the high-speed performance and great capacity of memory, the Prox-1715 is the most powerful CPU card than ever before.



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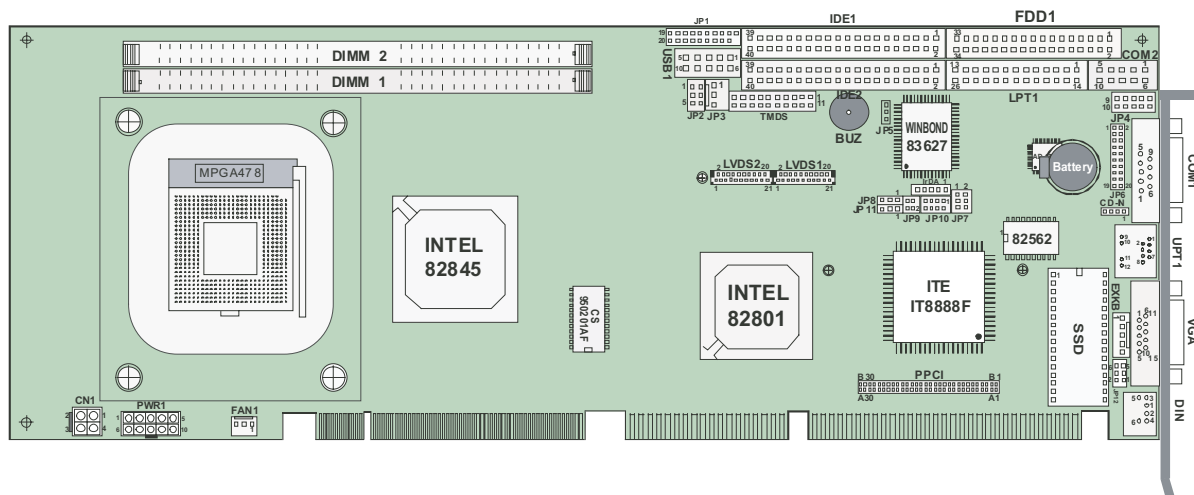
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9001 14001

Prox-1715

Socket 478 Pentium® 4 CPU Card with VGA/Sound/LAN



Specifications

CPU Type	Intel® P4 Northwood CPU
CPU Voltage	Auto detect
CPU Frequency	1.4~3.06 GHz & up reserved
Chipset	Intel® 845E Chipset with ICH4, FWH
DRAM	2 x 184-pin DDR DIMM up to 2GB, support ECC
Cache	Built-in CPU
BIOS	Phoenix-Award PnP BIOS with VGA BIOS
I/O Chipset	Winbond W83627HF (LPC), ITE IT8888F
IDE Interface	2 x EIDE (UDMA-33/66/100)
FDD Interface	1
Serial Port	2 x 16550 UART, COM2 for RS232/422/485
Parallel Port	1 x parallel (SPP/EPP/ECP)
Watchdog	16 level Watchdog Timer selectable w/ Reset/NMI
CMOS	Built-in ICH4
Keyboard	Mini DIN connector & external connector
Mouse	Mini DIN connector (selectable w/ keyboard/Y-cable)
Speaker	Internal buzzer
IrDA	1 x IrDA (SIR)
VGA	ATI Mobility M6, 16M SGRAM for CRT, LVDS & PanelLink LCD
Sound	AC '97 Codec

LAN	Intel 82562EM PHY, 10/100 Base-TX Ethernet, 1 x RJ-45 Jack, support Wake-on-LAN
SSD	32-pin socket supports DOC up to 288MB
USB	2 x USB 2.0
Bus Interface	ISA/PCI (PICMG Spec) PPCI Bus optional for PPCI Daughter Board
Power Supply	Support ATX 12V power
Power Requirement	+5V, +12V, +5V standby
Hardware Monitor	Voltage, CPU temp. & cooling fan
Green Function	Controlled by hardware & software

Mechanical and Environment	
Operation Temp.	0°C ~ 60°C, 32°F ~ 140°F
Storage Temp.	-40°C ~ 85°C, -40°F ~ 185°F
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	338.5mm x 122mm, 13.33" x 4.8"

Available Models	
Prox-1715 with VGA/Sound/LAN	
Prox-1716 with Sound/LAN, w/o VGA	
Certificate: CE, FCC CLASS A	

PERFORMANCE & POWER CONSUMPTION

CPU Type	Business Winstone 2001	CPU Mark 2001	Power Consumption +5V and +12V
Celeron™ 1.7GHz	46.2	80.2	2.9A / 5.6A
Pentium® 4 -2.0 GHz	61.9	118	2.93A / 5.85A
Pentium® 4 -2A GHz	69.9	125	2.8A / 3.9A

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