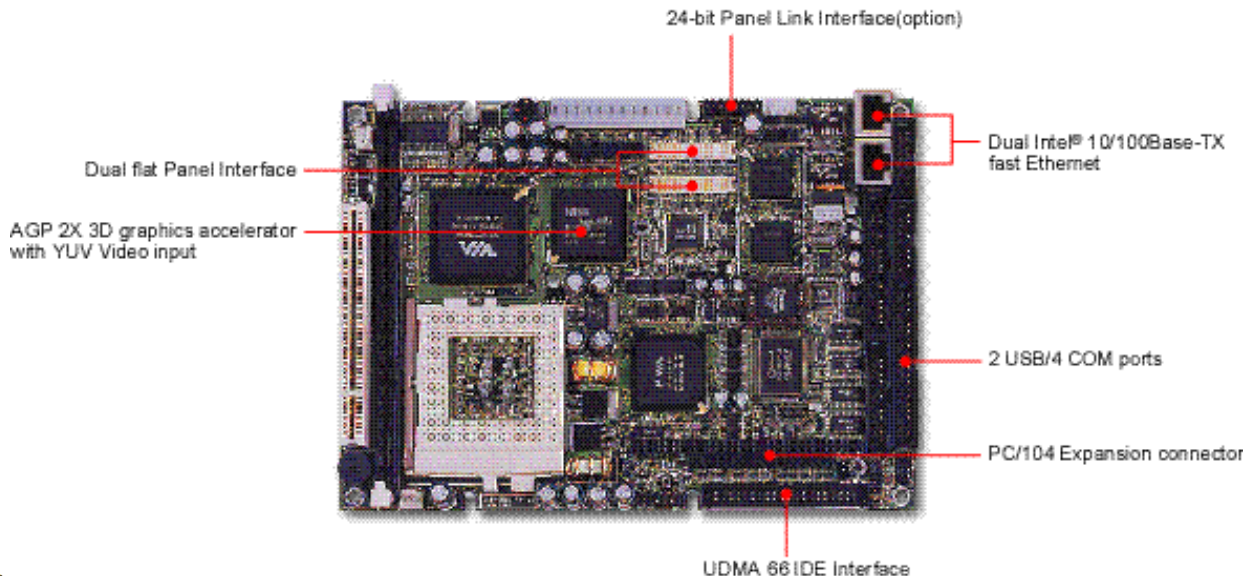


ROBO-603

Intel® Socket 370 Celeron™ or Pentium® III Processor Based 5.25" Embedded SBC with 2D/3D Graphics, Dual Fast Ethernet and Audio

Single Board Computer



- ◆ Support Intel FC-370 Celeron™ or Pentium® III processor
- ◆ SMI AGP 2X Lynx3DM SM 720 integrated 2D/3D graphics and multimedia accelerator with embedded 4MB SGRAM (Optional 8MB)
- ◆ Support 40-pin video capture port
- ◆ Dual Intel 82559ER 100Base-TX fast Ethernet
- ◆ Support Type II compact flash disk
- ◆ Integrated AC-97 2.0 sound blaster compatible audio
- ◆ PC/104 expansion connector
- ◆ 32-bit PCI slot

Specifications

CPU

- ◆ Intel® FC-370 Celeron™ or Pentium® III (with system bus frequencies of 66/100/133MHz)

Chipset

- ◆ VIA Apollo Pro 133A, VT82C694X

Memory

- ◆ Onboard one 168-pin DIMM socket supports up to 512MB SDRAM

Cash Memory

- ◆ 512KB pipeline burst SRAM

BIOS

- ◆ Award 256KB Flash BIOS

On-Board I/O

- ◆ VT82C686A / Winbond W83977

Watchdog Timer

- ◆ Generate a system reset, IRQ15 or NMI. Software selectable time out interval (2 ~ 255 sec., 1 sec./step)

Power Requirement

- ◆

Board Dimension

- ◆ 203(L) x 146(W) mm (3.5" FDD-size)
- ◆ 8"(L) x 5.75"(W)

Operating Temperature

- ◆ 0 to +60°C
- ◆ 5 to 95% non-condensing

Additional Functionality

Flat Panel/CRT Interface

- ◆ SMI Lynx3DM SM 720, high performance 128-bit GUI, 3D engine
- ◆ 4MB of SGRAM frame buffer on Lynx3DM SM 720
- ◆ Simultaneously support CRT and flat panel (EL, LCD and gas plasma) displays
- ◆ 2xAGP, accelerator graphics ports 1.0 compliant LCD panel supports up to 800x600 @24 bpp, 1024x768 @24 bpp
- ◆ CRT displays support up to 800x600 @ 24 bpp, 1024x768 @24 bpp

Dual Ethernet Interface

- ◆ On-board dual Intel 82559ER PCI-bus Ethernet controllers
- ◆ PCI 100/10 Mbps, IEEE 802.3U compatible
- ◆ For diskless system

Ordering Guide

ROBO-603

Socket 370 based 5.25" Embedded system board with LCD/CRT, dual Ethernet, Audio

ROBO-603N

ROBO-603 with single Ethernet