

Introduction :

The GT-460 is a 486 level all-in-one Single Board Computer comes equipped with either Intel / AMD / Cyrix / SGS Thomson 80486 CPU series. Also included on-board C&T; 65550 VGA GUI Accelerator controller, Ethernet controller, one Disk-on-Chip socket for Flash Disk, two serial RS-232 ports (one for RS232/RS422/RS485), enhanced bi-directional parallel port, PCI enhanced IDE hard disk drive interface, floppy disk controller and watchdog timer. The GT-460 CPU card industrial-grade construction ensures continuous, reliable operation in harsh industrial environments.

Its display features the ability to control most EL, mono/color STN and TFT flat panel display as well as standard VGA. Equipped with 1MB of EDO DRAM, up to 2MB EDO DRAM (optional). The C&T; 65550 chipset can display in 640x480 resolution on commonly used flat panels and true color displays on CRT's.

You can also use this reliable GT-460 to transform any system into a 32-bit 486 compatible computer. Its highly compact form and numerous features make it an ideal cost and high performance solution for commercial and industrial applications when fast CPU speed and low mean-time-to-repair are critical.

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Specification :

- **Bus Type:**
ISA bus - 98 pin for 16 bits ISA bus
- **CPU:**
On-board equipped with SQFP CPU
Speed up to AMD 5x86-133.
- **Cache:**
256KB/512KB 2nd level cache memory
- **Networking:**
Realtek RTL8019AS Ethernet controller
10 Base T with RJ-45 connector
- **Disk-on-chip:**
Socket for M-system Disk on Chip
- **IDE HDD Interface:**
Supports one PCI mode 4 enhance IDE hard

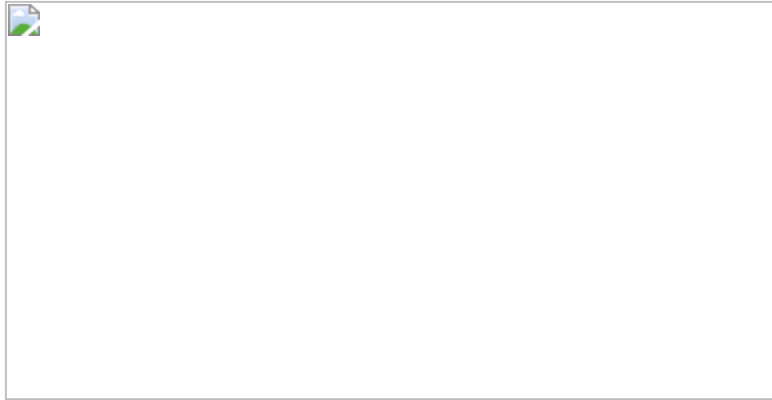
(Manufacturer option)

disk
Interface

- **System Memory:**
4MB on board
Supports two 72-pin SIMM sockets
Accepts 4/8/16/32/64 MB SIMM module.
- **System BIOS:**
AWARD BIOS
- **System Chipset:**
ALI M1487/M1489
- **Super I/O:**
SMC 37C669
- **Real Time Clock:**
SGS M48T86 PCI (or compatible)
with lithium battery backup for
10 years data retention
- **VGA Chipset:**
C&T; 65550 PCI local bus flat-panel with
Windows accelerator and Video play
back
- **VGA Memory:**
On-board 1MB EDO DRAM, option for
2MB
- **VGA Resolution:**
Supports Flat-panel resolutions up to
640x480, 800x600, 1024x768
Supports non-interlace CRT monitors,
1024x768 64K colors
- **VGA Connector:**
One DB-15 VGA connector for CRT
monitor
One 2x22 pin header for Flat-panel
- **Floppy Disk Interface:**
Supports up to two floppy disk drivers 3.5"
and/or 5.25"
- **Parallel Port:**
Enhanced Bi-directional EPP/ECP/SPP
parallel port
- **Serial port:**
One RS232 port with 16C550 UART
One RS232/422/485 port with 16C550 UART
- **Watchdog Timer:**
Can generate a system RESET, The timer
interval is 0 ~ 63 sec (14 level)
- **Keyboard & Mouse Connector:**
One 6-pin mini-DIN connector is located on
the mounting bracket for easy connection to
a keyboard and PS/2 mouse. An on-board
keyboard pin header connector is also
available
- **Expansion Bus:**
A 16-bit PC104 connector for expansion
modules
- **Power Requirement:**
Single power +5V/2.5A with 8-pin power
connector
- **Operating Temperature:**
32° to 140° F (0° to 60° C)
- **Board Size:**
185mm X 122mm

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Accessory



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Ordering Information :

- 486 ISA bus half size CPU card
- With Cable Set, User's Manual, Export Packing

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