

**Ruggedized
Compact Computer
with 733MHz VIA Eden™
C3 Embedded Motherboard,
10/100 Ethernet, Integrated
AGP, with and Audio.**

- Slim 24X CDROM (GoPC-7001/2)
- Audio-In, Audio-Out, and (2) USB Ports
- Unique Design for Fanless Operation
- Power Switch



Introduction

GoPC-7000 Series of Embedded PC's are flexible enough to meet a multitude of requirements. Designed as fanless solutions, the GoPC-7000 Series is designed around a 733MHz VIA Eden™ C3 EPGA Processor Platform and comes standard with 512MB. Full featured I/O includes: On-board VGA, USB, Audio, LAN, Parallel, and Serial Ports. (1) or (2) PCI Slots are available for expansion on the GoPC-7001 & GoPC-7002.

Features

- VIA 733MHz Eden™ C3 EPGA processor, up to 1GB of memory, and an Integrated VIA UniChrome AGP graphics controller.
- Slim 24X CDROM supported on GoPC-7001/7002.
- Internal 2.5" Drive Bay (GoPC-7000).
- Internal 2.5"/3.5" Drive Bay on GoPC-7001/7002.
- 90W AC Adapter Included.
- PCI Expansion Slots: (2) on GoPC-7002, (1) on GoPC-7001.
- Supports Windows 9x/NT4.0/2000/XP/CE and Linux Operating Systems.
- Low cost solution for an unlimited variety of applications to include Video Servers, Set Top Box, Kiosk, or POS.

Main Specifications

System Board Processor

733MHz VIA Eden C3 EBGA processor.

Chipset

VIA CLE266 (VT8623CE) North Bridge and VIA VT8235CD South Bridge.

System Memory

(1) DDR200/266 SO-DIMM socket supports up to 1GB memory size. 512MB SDRAM installed.

Display

Integrated VIA ProSavage8 2D/3D Video Accelerator, MPEG-2 video textures, 2D/3D resolutions up to 1920x1440.

IDE

(1) UltraDMA 133/100/66 40-pin and (2) 44-pin connectors are provided.

Ethernet

Realtek8100BL 10/100Mb fast Ethernet controller. Wake-On-LAN and boot from LAN supported.

Audio

Realtek ALC202A AC'97 codec compatible function, supports line in/out.

Expansion

The GoPC-7000 does not support any expansion slots. GoPC-7001 supports (1) 32 bit 33MHz PCI slot and GoPC-7002 supports (2) 32 bit 33MHz PCI slots.

I/O Ports

- 1 PS2 Mouse Port
- 1 PS2 Keyboard Port
- 1 RJ-45 LAN Port
- 2 Serial Port
- 1 Parallel Port
- 4 USB 2.0 Ports
- 1 VGA Port
- 2 Audio jacks: line-out and line-in.

Operating System Supported

Windows 9x/ME/NT 4.0/2000/XP/CE and Linux

Construction

Heavy-duty Steel.

Drive Bays

(1) 2.5" Internal Drive Bay. GoPC-7001/7002 also supports (1) 24X Slim CDROM and (1) 3.5" internal Drive Bays.

Power

AC Adapter (Included)
Input: 95VAC-264VAC 47-63Hz
Output: 19VDC @ 5A

Dimensions

GoPC-7000: 240 x 220 x 35 (W x D x H) mm.
GoPC-7001: 240 x 220 x 50 (W x D x H) mm.
GoPC-7002: 240 x 220 x 72 (W x D x H) mm.

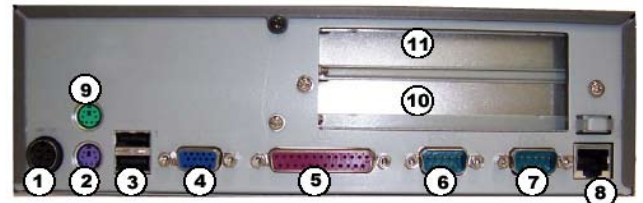
Gross Weight

4.1 kg.

Ordering Information

GoPC-7000	GoPC Rugged Computer with VIA 733MHz Eden™ C3 Processor and 90W Power Adapter.
GoPC-7001	GoPC Rugged Computer with VIA 733MHz Eden™ C3 Processor, Slim CD Drive Bay, (1) PCI slot, and 90W Power Adapter.
GoPC-7002	GoPC Rugged Computer with VIA 733MHz Eden™ C3 Processor, Slim CD Drive Bay, (2) PCI slots, and 90W Power Adapter.

Rear Panel Layout



#	Description	#	Description
1	19VDC Input Jack	7	COM1
2	PS/2 KBD/Mouse w/Y-Cable ¹	8	LAN
3	USB1 & USB2	9	PS/2 Mouse ²
4	VGA	10	PCI Slot2 ³
5	LPT	11	PCI Slot1 ²
6	COM2		

Notes:

1. PS/2 KBD (GoPC-7001/7002)
2. GoPC-7001/7002 Only
3. GoPC-7002 Only