

PANEL 1087-845

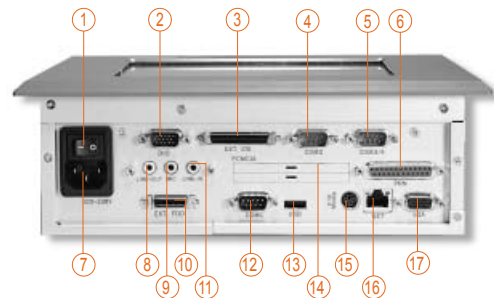
8.4" TFT High Brightness Industrial Panel Computer w/ GX1 Processor



Rear view

Features

- ▶ High brightness 8.4" TFT flat panel
- ▶ Fanless Ultra-Low voltage NS Geode GX1 processor
- ▶ Industrial standard NEMA 4 (IP65) compliant front bezel
- ▶ Human friendly interface resistive touchscreen
- ▶ Scalable design with two PCMCIA slots
- ▶ External DIO connector enable easy cable connection
- ▶ Windows® CE.NET & Windows® XP embedded supported



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|---|-----------------------|
| 1. Power switch | 10. EXT. FDD |
| 2. DIO (4-channel digital inputs / outputs) | 11. Line in |
| 3. EXT. IDE | 12. COM1 |
| 4. COM2 | 13. USB |
| 5. COM3/4 | 14. PCMCIA (optional) |
| 6. Parallel port | 15. PS/2 |
| 7. AC Inlet | 16. Ethernet (RJ-45) |
| 8. Line out | 17. VGA port |
| 9. MIC in | |

Specifications

Front Bezel	IP65, NEMA 4/12 rugged protection		
LCD Panel	8.4" TFT		
	Brightness: 350 cd/m ² Resolution: 800 x 600 pixels		
Main System	Main board	SBC84500VEA	
	CPU	National Semiconductor Geode GX1 300MHz	
	Core Logic	NS GX1 + CS5530A	
	Bus Clock	66MHz	
	Memory	One 144-pin SO-DIMM socket Up to 128MB SDRAM	
	Onboard Graphic	CS5530 South Bridge integrated support CRT/TFT display via UMA Max. to 4MB sharing memory External non-interlaced CRT and TFT Monitor	
	Audio	AC'97 codec with surround sound	
		Microsoft® direct sound 3D Audio supported 32-bit Sound Blaster™ and Sound Blaster™ Pro compatible	

Serial Ports	Full-duplex operation for simultaneous record and playback
	RS-232 x 3 RS-232 / 422 / 485 x 1 +5V / +12V power output capability by pin 1 and pin 8,9, selectable via jumper setting
PS/2 Interface	PS/2 keyboard / mouse x 1
DIO	8-channel bits of TTL / DTL compatible Digital input / output
Onboard SSD	CompactFlash™ type I socket
Expansion	Factory option two type II or one type III of PCMCIA socket
Hard Disk Drive	Enhanced IDE interface 2.5" type
LAN	Realtek 8139 PCI PnP Ethernet controller 10/100 Base-T (RJ-45)
Watchdog Timer	64 level timer with time-out intervals from 0.5 ~ 1600 sec.

Specifications

I/O Connectors	D-Sub 9-pin x 1 (male) for RS-232 / RS-422/RS-485 D-Sub 9-pin x 3 (male) for RS-232 (One port reserve for touchscreen) D-Sub 25-pin x 1 (female) for parallel D-Sub 15-pin x 1 (male) for DIO PS/2 x 1 for keyboard and mouse RJ-45 x 1 for Ethernet D-Sub 15-pin x 1 (female) for S-VGA output Audio port x 3 for line in / Speaker out / MIC in Centronic 26-pin (female) for external floppy disk drive USB connector x 1 SCSI 50-pin (female) for external CD-COM drive
Optional Expansion	Factory option PCMCIA slot for 1 x type III or 2 x type II
Touchscreen	Resistive type
Power Supply	AC 100-230V, 70W DC12V/DC24V/DC48V available for option
Dimensions	10.66" (271mm) (W) x 3.54" (89.9mm) (D) x 8.35" (212mm) (H)
Weight	3.3kg
Environmental	Operation temperature range: 0°C-40°C (32°F -104°F) Relative humidity: 20% - 90%, non-condensing

Ordering Information

PANEL1087-845 X1 X2	8.4" TFT high brightness industrial panel computer X1 R-resistive type of touchscreen G-without touchscreen X2 C-PC-104 PCMCIA slot module for 1 x type III or 2 x type II slots O-without PC/104 PCMCIA slot module
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Power Supply Options

DC	12V	70W
DC	24V	70W
DC	48V	70W

Optional EOS Installation

Windows® CE.NET
Windows® XP Embedded



Dimensions

