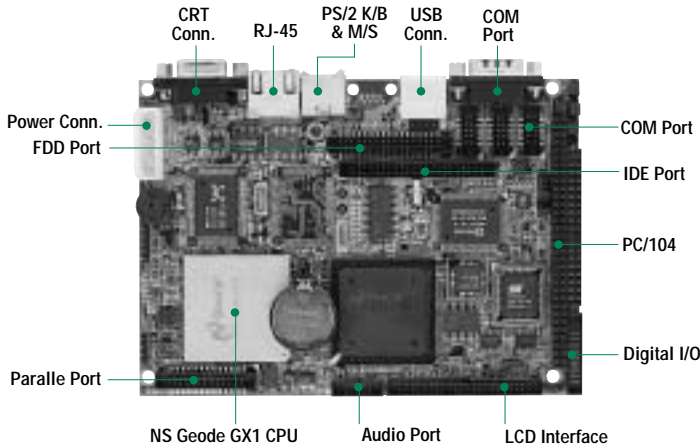


SBC84500

NS GX1 Embedded SBC with 4 COM



FEATURES

- ▶ Ultra low power CPU less than 2 watts
- ▶ CRT and TFT
- ▶ 10/100Base-T Ethernet
- ▶ AC'97 Audio codec
- ▶ 4 COM ports
- ▶ +5V only power input supported

SYSTEM

CPU	Onboard NS Geode processor; 300MHz
System Memory	1 * SDRAM SODIMM, Max. 256MB
Chipset	NS CS5530A
BIOS	Phoenix-Award 2Mbit with RPL/PXE LAN boot ROM and SmartView
SSD	CompactFlash™
Watchdog Timer	0.5~1600 sec with 64 levels; system reset
Expansion Interface	PC/104 for 16-bit ISA
Battery	Lithium 3V/196 mAh
Power Consumption	Typical: 5V @ 2.9A (GX1-300 + 128MB) 5V @ 3.8A (GX1-233 + 128MB) Max.: 5V @ 4.4A
Size/Weight	145 * 102mm, 0.22kg
Temperature	0~60° C, operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

I/O

MIO	1 * ATA-33 IDE, 1 * FDD, 1 * K/B + M/S, 3 * RS-232, 1 * RS-232/422/485, 1 * LPT, 1 * IrDA
Ethernet	RTL8139C, 10/100Base-T
Audio	AC'97 Audio codec
USB	2 * USB ports, USB 1.0 compliant
D I/O	8-channel input and output

DISPLAY

Chipset	NS GX1 with CS5530A
Memory Size	1~4 MB frame buffer sharing system memory
Resolution	CRT mode: 1024 * 768 @ 24bpp LCD/Simultaneous mode: 1024 * 768 @ 18bpp (60Hz)
LCD Interface	18-bit TFT LCD only

PACKING LIST

Quick installation guide
Manual, driver & utility CD
Standard cable kit (1 * 44-pin IDE, 1 * 34-pin FDD, 1 * mini DIN-to-K/B + M/S, 3 * COM ports, 1 * printer)

ORDERING INFORMATION

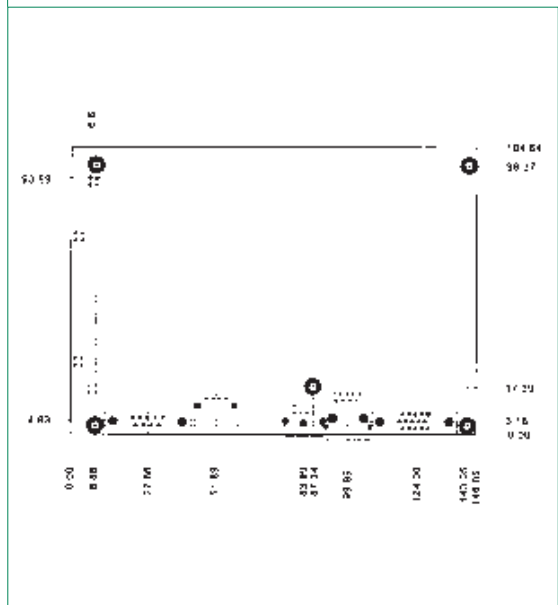
Standard

SBC84500VEA-300 SBC84500 with GX1 300MHz CPU, CRT/TFT, Ethernet and AC'97 Audio

Optional

5938155001	USB cable
PK8980	LCD kit for 18-bit TTL LCD with Hirose DF9-41P-1V connector
PK898A	LCD kit for 18-bit single channel LVDS LCD with Hirose DF9-41P-1V connector
EM1611S-70	Embedded MicroBox with 70W AC P/S
EM1611S-43	Embedded MicroBox with 43W AC P/S
EM60321-60	Embedded MicroBox with 60W AC P/S

DIMENSIONS



* All the specifications and photos are subjected to be changed without notice.