

EH-3051

Communication Manager Server



Features

- Accepts Advantech 2.5" Biscuit PCM-5820, PCM-5822
- Accepts 2.5" HDD and CompactFlash within chassis
- Customizable, robust chassis for both wall mount and desktop setting
- One 10/100Base-T Ethernet port, 2 Serial ports, one VGA and one PS/2 connector and optional TV out

Introduction

Advantech's EH-3051 Communication Manager Server platform with reliable, fanless operation is designed for applications such as SOHO e-mail/FTP/Web servers, SMS message exchange servers, GPS application control centers, public display management or remote monitoring management, plus many others.

Competent Features

The EH-3051 employs an onboard 586 compatible NS GX1-300 MHz with optional system memory up to 256 MB, allowing most software developers to effectively deploy their applications. It provides one 10/100Base-T Ethernet port for network connectivity, two serial ports (RS-232/485/422) for communication among different devices such as modems or for console management, one CRT connector for display and one PS/2 connector for keyboard/mouse/IR devices. Furthermore, the EH-3051 uses a compact, and durable case whose size is only 228 x 44 x 146 mm or 5.75 x 1.73 x 8.98 inches.

Customization

For different applications, the EH-3051 supports a 2.5" hard drive, CompactFlash and 144-pin SODIMM system memory, with different capacities. Installations can be done easily, either when the EH-3051 is in production at Advantech or when it arrives at your local agent. Most importantly, the EH-3051 chassis can be customized to fulfill different customer specific applications and layouts.

Specifications

- **CPU:** On-board NS GX1-300 MHz processor
- **BIOS:** AWARD 256 KB Flash memory
- **Chipset:** NS CX5530
- **System Memory:** One 144-pin SO-DIMM socket. Accepts up to 128 MB SDRAM
- **Storage:** One 2.5" HDD drive (optional) and one CompactFlash (optional)
- **Ethernet port:** One RJ-45, RTL 8139 chip, 10/100 BASE-T, IEEE 802.3U protocol compatible
- **Serial ports:** One RS-232, one RS-232/422/485
- **Keyboard/mouse connector:** Mini-DIN connector for keyboard and PS/2 mouse
- **Other I/O:** VGA, TV-out, Audio
- **Watchdog timer:** Software enable/disable intervals at 1.6 seconds
- **Power management:** APM 1.1 compliant power management
- **Power supply:** AC/DC power adaptor, DC 5V input
- **Operating temperature:** 0 ~ 40°C (32 ~ 104°F)
- **Storage temperature:** -20 ~ 75°C (-4 ~ 167°F)
- **Operating humidity:** 5 ~ 95% @ 40°C, non-condensing
- **Storage humidity:** 5 ~ 95%
- **Dimension:** 228 mm x 44 mm x 146 mm (W x H x D)

Ordering Information

- EH-3051-20B2:**
Communication Manager with VGA/LAN/PS2/COM
- EH-3051-22B1:**
Communication Manager with VGA/LAN/COM/PS2/Audio/TV out

