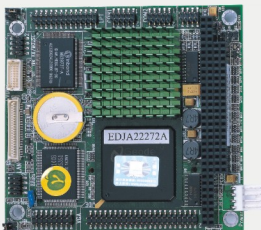


# 104-1541CLDN(B)

PC/104 SBC with GX CPU and LCD/CRT/SSD/LAN



## CHARACTERISTICS

- Onboard integrated NS GX1 low power CPU
- Wide operating temperature range from  $-20^{\circ}\text{C}$  to  $65^{\circ}\text{C}$
- LCD/CRT display controller, supports 18-bit TFT
- LVDS interface
- 10/100Mbps PCI Ethernet interface
- +5V single power supply

## SPECIFICATIONS

**Bus Type:** PC/104 single board computer

**Processor:** Onboard integrated low power NS GX1 300MHz CPU, fanless

**System Chipset:** NS CS5530A

**System Memory:** 144-Pin SO-DIMM socket up to 512MB SDRAM

**BIOS:** Award PnP BIOS

**Onboard Video:** Integrated in NS CS5530A chipset, 1.5-4MB shared memory, simultaneously supports CRT and 18-bit TFT LCD. CRT resolutions up to 1024 x 768 at 24bpp, 1280 x 1024 at 8bpp; TFT-LCD resolutions up to 1024 x 768 at 18bpp

**Onboard LAN:** Realtek RTL8100B 10/100M Ethernet controller

**IDE Controller:** One Ultra33 channel, supports two EIDE devices

**I/O Interface:** 2 x USB, 1 x parallel port, 2 x RS-232, 1 x PS/2 keyboard/mouse interface

**SSD:** CompactFlash socket

**Watchdog Timer:** 0-255 (s/m) programmable

**Expansion Slot:** PC/104

**Power Supply:** +5V/1A single power supply (typical)

**Dimensions:** 96mm x 90mm

**Operating Temp.:**  $-20^{\circ}\text{C}$  -  $65^{\circ}\text{C}$

**Operating Humidity:** 5%-90%, non-condensing

## ORDERING INFORMATION

Model Number	Description
104-1541CLDN(B)-300	PC/104 SBC with GX300 CPU and LCD/CRT/SSD/LAN

Images for references only, all product specifications are subject to change without notice.