

JUKI-510/511P

ISA/PCISA bus GX1-300 CPU Board

With LCD/CRT VGA/LAN/Audio/TV Output

JUKI-510

Fan-Less
GX1-300MHz



ISA bus

JUKI-511P



PCISA bus

SPECIFICATIONS

- **CPU:** NS Geode GX1-300MHz
- **BIOS:** Award PnP BIOS
- **System Memory:** up to 256MB DIMM
- **Bus:** JUKI-511P – PCISA bus to support 4 PCI slots
- **JUKI-510 – ISA bus**
- **Display:** built-in CS5530A chipset to support TFT LCD & CRT display
 - V-RAM: share with system memory (up to 4MB), setting in BIOS
 - Resolution: 1280 x 1024, 256 colors
 - Connector: DB-15 for CRT display 50-pin pin header for 18-bit TFT LCD, Standard equipped with FP24-01A for 44-pin LCD connection
 - **TV output:** support NTSC and PAL signal
- **Ethernet:** Realtek RTL8139C 10/100 Ethernet Controller Support WOL function
- **SSD:** One CF+ Type II socket (support IBM MicroDrive) (rear side)

- **Audio:** AC'97 compliant Audio CODEC
- **I/O:** – 2 x RS-232 serial port (16C550 UARTs compatible)
 - 1 x parallel port (SPP/EPP/ECP)
 - 2 x USB 1.1 (Pin header)
 - 1 x IrDA (SIR)
 - 1 x FDD port, support 1.44MB, 2.88MB, 3-mode function
 - 1 x ATA-33 IDE channels
- **WDT:** software programmable, support 1~ 255 sec. system reset
- **Support ATX function**
- **External Power Connector of 5V input.**
- **Power Consumption(with 64MB SDRAM):** 5V@2A, 12V@100mA
- **Operating Temp.:** 0-60°C
- **Relative Humidity:** 5~95%, non-condensing
- **GW:** 700g

ORDERING INFORMATION

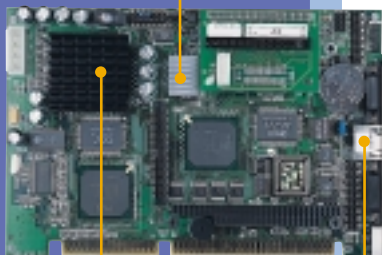
- **JUKI-510-300** ISA bus GX1-300 CPU Board
- **JUKI-511P-300** PCISA bus GX1-300 CPU Board
- **LVDS-01-R7** One Channel LVDS module,18-bit Work with NEC 15" NL1027BC30-04F LCD Panel,...etc.
- **CB-USB02** Dual ports USB cable with bracket

JUKI-6752

ISA Bus Pentium® -266 SBC With LCD/CRT VGA & 10/100Mbps Ethernet

Low Power
Pentium -266

CHIPS 69000
LCD/CRT VGA



Intel® Tillamook CPU

Rear View



CF+ Type II Socket

Intel®
82559ER
LAN

SPECIFICATIONS

- **CPU:** Intel® low power consumption Tillamook Pentium® -266 class CPU on board
- **External Cache:** 512KB
- **BIOS:** Award PnP Flash BIOS
- **System Chipset:** Intel® 430TX
- **System Memory:** One 144-pin SO-DIMM sockets up to 128MB SDRAM
- **Display:**
 - CHIPS 69000 LCD/CRT VGA
 - Bus: PCI
 - V-RAM: 2MB RAM
 - Resolution: 1280 x 1024 (256 colors) for CRT display
 - Connectors: DB-15 for CRT display 50-pin pin-header for 36-bit LCD panel
- **Ethernet:** Intel® 82559ER 10/100Mbps Ethernet chip with RJ-45 connector
- **SSD:** One CF+ Type II Socket (rear side)
- **I/O:**
 - 1 x RS-232 port
 - 1 x RS-232/422/485 selectable port with Auto-Direction function
 - 1 x parallel port (support SPP/EPP/ECP mode)
 - 2 x USB 1.1 (pin header)
 - 1 x IrDA port
 - 1 x FDD port
 - 1 x ATA-33 IDE channel (44-pin header)

- **PC/104 extension slot**
- **WDT:** software programmable, support 1~ 255 sec. system reset
- **Winbond hardware monitoring chip on board**
- **ISAPlus™:** Designed to enhance the ISA bus drive capability
- **Power Consumption:** +5V@2A, +12V@170mA, -12V@20mA (32MB SDRAM)
- **Operating temperature:** 0~60°C (CPU heat sink included)
- **Relative humidity:** 5~95%, non-condensing
- **GW:** 700g

ORDERING INFORMATION

- **JUKI-6752** ISA bus Pentium®-266 SBC with LCD/CRT & 10/100Mbps Ethernet
- **CB-USB02** Dual ports USB cable with bracket

ISA BUS

