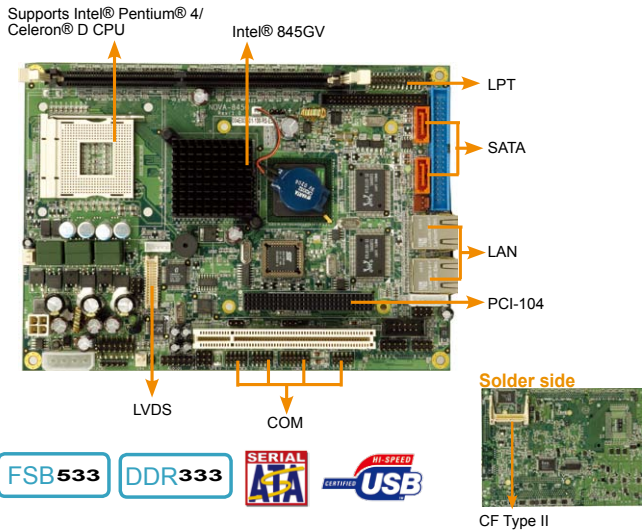


NOVA-8450G2

5.25" SBC, Socket 478 Celeron® D 533 MHz FSB CPU Board with VGA/LVDS, Dual GbE, SATA, RAID Function and USB 2.0



Features

1. Intel® Pentium® 4 Prescott/ Celeron® D with HT support
2. VGA integrated in i845GV, 24-bit dual-channel LVDS by CH7305
3. One DDR 333MHz supports up to 1GB
4. Support PCI-104 expansion slot
5. CF Type II, Dual LAN, USB 2.0, Multi-COM, Audio and SATA integrated

Specifications

- ◆ CPU
Socket 478 Intel® Pentium® 4, Celeron® D, Celeron® processor with 533/400MHz FSB
- ◆ System Chipset
Intel® 845GV + ICH4
- ◆ BIOS
AMI BIOS
- ◆ System Memory
One 184-pin 333 MHz DDR SDRAM DIMM supported (system max. 1GB)
- ◆ Ethernet
Dual RTL8110SC GbE chipset
- ◆ I/O Interface
2 x SATA with ALI M5283 RAID 0,1 function support
4 x USB 2.0
3 x RS-232
1 x RS-232/422/485
1 x PS/2 + 5 pin for Keyboard
2 x IDE
1 x LPT
1 x CF Type II
- ◆ Expansions
1 x PCI-104 (PCI Bus)
1 x PCI
- ◆ Audio
Realtek ALC655 with AC'97 codec
- ◆ Digital I/O
8-bit digital I/O, 4-bit input/ 4-bit output by super I/O
- ◆ Infrared Interface
By super I/O
- ◆ Super I/O
IT8712F-A/IXS
- ◆ Display Interface
VGA integrated in Intel® 845GV
24-bit dual-channel LVDS by CH7305
- ◆ Watchdog Timer
Software programmable supports 1-255 sec. system reset
- ◆ Power Supply
AT/ATX support
- ◆ Power Consumption
5V@2.9A, 12V@1.1A (Intel® Celeron® D 2.4G with DDR266 MHz, 256MB RAM)
- ◆ Temperature
Operating: 0°C ~ 60°C (32 ~ 140° F)
- ◆ Humidity
Operating: 5% ~ 95%, non-condensing
- ◆ Dimensions
203 mm x 146 mm
- ◆ Weight
GW: 1100 g; NW: 500 g

Packing List

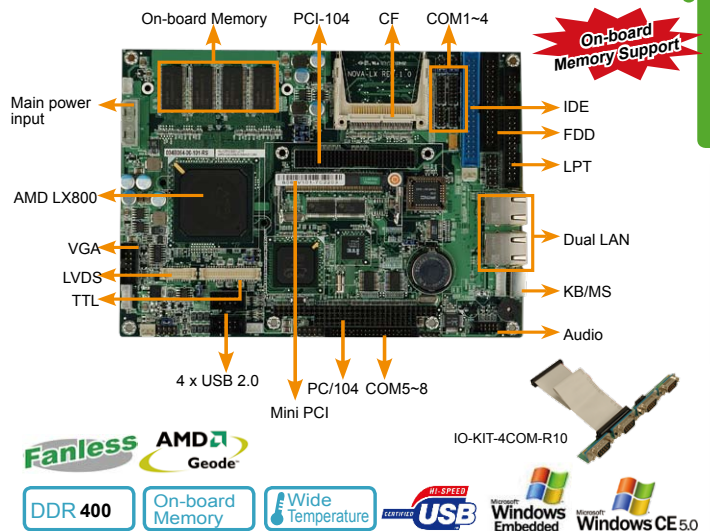
1 x NOVA-8450 Single board computer	
1 x ATA66/100 IDE Cable (P/N: 32200-000052-RS)	
1 x ATA33 IDE Cable (P/N: 32200-000009-RS)	
1 x KB/PS2 Mouse Y Cable (P/N: 32000-043301-RS)	
1 x Audio cable (P/N: 32000-028800-RS)	
2 x SATA cable (P/N: 32000-062800-RS)	
1 x SATA Power cable (P/N: 32100-088600-RS)	
1 x VGA cable (P/N: 32000-033800-RS)	
3 x RS-232 cable (P/N: 32200-000049-RS)	
1 x RS-232/422/485 cable (P/N: 32200-000061-RS)	
1 x USB cable (P/N: 32000-044300-RS)	
1 x Power cable (P/N: 32100-087100-RS)	
1 x Mini Jumper Pack	
1 x Utility CD	1 x QIG

Ordering Information

Part No.	Description
NOVA-8450G2-R10	5.25" SBC, Intel® Pentium® 4 Prescott/ Celeron® D processor FSB 533 MHz, VGA, LVDS, Dual GbE, SATA and Audio
CF-521-RS	CPU cooler
CF-522-RS	Low profile CPU cooler
32200-015100-RS	LPT cable

NOVA-LX

5.25" SBC, AMD® Geode™ LX800 CPU with VGA/LVDS/TTL, Dual LAN, USB 2.0, Audio and On-Board Memory



Features

1. 5.25" Form Factor with AMD® Geode™ LX800 CPU
2. On-board 256 MB Memory, up to optional 512 MB
3. VGA, 24-bit TTL, 18-bit single channel LVDS display interface
4. 6 x RS-232 and 2 x RS-232/422/485, 4 x USB 2.0
5. Supports wide operating temperature

Specifications

- ◆ CPU
On board AMD® Geode™ LX800(500MHz) Processor
- ◆ System Chipset
AMD® Geode™ CS5536 I/O companion
- ◆ BIOS
AMI BIOS
- ◆ System Memory
On-board 256 MB DDR SDRAM Supported, optional 512 MB
- ◆ Ethernet
10/100Mbps dual Realtek RTL8100C Ethernet chipset
- ◆ I/O Interface
6 x RS-232 (COM1 and COM2, DB9 pin-9 Voltage +5V, +12V jumper selection)
2 x RS-232/422/485 (COM3, COM4)
4 x USB 2.0
1 x IDE
1 x LPT
1 x PS2 KB/MS
- ◆ Expansions
1 x PCI/104+ (ISA+PCI Bus)
1 x Mini PCI
- ◆ Digital I/O
8-bit digital I/O, 4 input/ 4 output
- ◆ Infrared Interface
N/A
- ◆ Super I/O
W83627EHG
- ◆ Display Interface
VGA integrated in AMD® LX800
24-bit TTL
18-bit single channel LVDS
- ◆ Audio
AC'97 codec with Realtek ALC203
- ◆ SSD
CF type I/II
- ◆ Watchdog Timer
Software programmable supports 1 ~255 sec. system reset
- ◆ Power Supply
5V only, 12V for LCD&COM1/2, AT/ATX support
- ◆ Power Consumption
5V@1.66A (AMD® LX800 500 MHz CPU with 256 MB on board memory)
- ◆ Temperature :Operating:
NOVA-LX-800W: -20°C ~ +80°C
NOVA-LX-800: 0°C ~ +60°C
- ◆ Humidity :
Operating: 5% ~95% non-condensing
- ◆ Dimensions :203 mm x 146 mm
- ◆ Weight : GW: 700 g / NW: 260 g

Packing List

1 x NOVA-LX single board computer	
1 x mini jumper pack	
1 x IDE flat cable (P/N: 32200-000052-RS)	
1 x VGA cable (P/N: 32000-033800-RS)	
1 x KB/MS Y cable (P/N: 32000-000138-RS)	
1 x audio cable (P/N: 32000-072100-RS)	
1 x 4 RS-232 adapter cable (P/N: 32200-025401-RS)	
2 x USB cable (P/N: 32000-044300-RS)	
2 x single RS-232 cable (P/N: 32200-000049-RS)	
1 x Utility CD	1 x QIG

Ordering Information

Part No.	Description
NOVA-LX-800W-R10	5.25" SBC, AMD® Geode™ LX800 CPU, VGA/LVDS/TTL, Dual LAN, USB 2.0, Audio, on-board 256 MB memory and wide operating temperature (-20°C~+80°C)
NOVA-LX-800-R10	5.25" SBC, AMD® Geode™ LX800 CPU, VGA/LVDS/TTL, Dual LAN, USB 2.0, Audio, on-board 256 MB memory
32200-000017-RS	FDD cable
19800-000049-RS	LPT cable
32200-026500-RS	RS-232/422/485 cable
IO-KIT-4COM-R10	4 COM Ports Adapter Board

1 Industrial Computing Solutions

2 Embedded Computing Solutions

3 RISC-Based Embedded Solutions

4 Industrial Data Collector/Server Solutions

5 Video Capture Solutions

6 I/O Communication Solutions

7 Panel Solutions

8 Power Supply/Network Communication/Peripherals