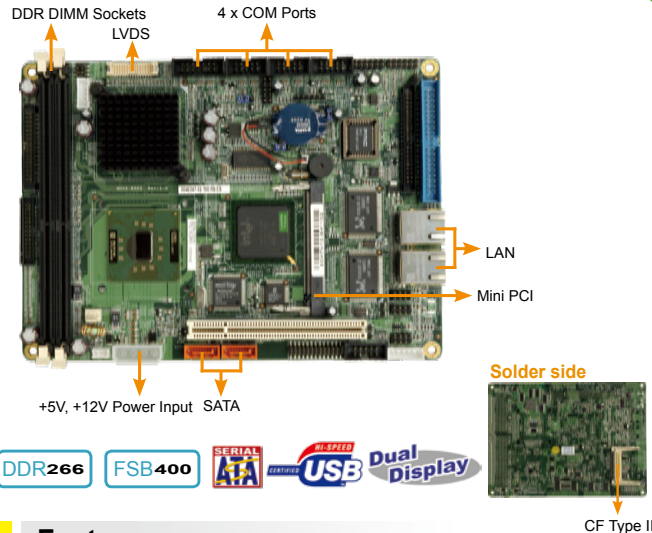


NOVA-8522G2-R11



5.25" SBC, Intel® Pentium® M/ Celeron® M CPU with VGA/LVDS, VGA, Dual GbE, USB 2.0 and Audio



Features

1. Intel® Pentium® M/ Celeron® M CPU with 400 MHz FSB
2. VGA integrated in Intel® 852GM and dual-channel 18-bit LVDS support
3. Independent dual display support
4. Dual DDR266 MHz support up to 2GB
5. Support PCI and mini PCI
6. CF Type II, LAN, USB 2.0, COM and Audio integrated
7. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

- ◆ CPU: Socket 479 Intel® Pentium® M, Celeron® M processor with a 400MHz FSB. On board Intel® Celeron® M 600MHz 512KB or 1GHz zero cache processor
- ◆ System Chipset: Intel® 852GM + ICH4
- ◆ BIOS: AMI BIOS
- ◆ System Memory: Two 184-pin 266/200 MHz DDR SDRAM DIMM supported (system max. 2GB)
- ◆ Ethernet: Dual RTL8110SC GbE chipsets or Dual Intel® 82541PI GbE chipset
- ◆ I/O Interface: 2 x IDE, 1 x CF Type II, 1 x FDD, 1 x LPT, 1 x PS/2 for KB/MS, 3 x RS-232, 1 x RS-232/422/485, 6 x USB 2.0, 2 x SATA with SIL3512 RAID 0, 1 function support
- ◆ Audio: Realtek ALC655 with AC'97 codec
- ◆ Expansions: 1 x PCI / 1 x Mini PCI
- ◆ Digital I/O: 8-bit digital I/O, 4-bit input/ 4-bit output by super I/O
- ◆ Infrared Interface: By pin header (SIR mode)
- ◆ Super I/O: W83627HG
- ◆ Display Interface: VGA integrated in Intel® 852GM, 18-bit dual-channel LVDS, DVI by Chronitel CH7301
- ◆ Watchdog Timer: Software programmable supports 1-255 sec. system reset
- ◆ Power Supply: AT/ATX support
- ◆ Power Consumption: 5A@4.10A, +12V@2.36A (Intel® Celeron® M 1.6G, 400 MHz with 2 x DDR333 512MB RAM)
- ◆ Temperature: Operating: 0°C ~ 60°C (32 ~ 140° F)
- ◆ Humidity: Operating: 5% ~ 95%, non-condensing
- ◆ Dimensions: 203 mm x 146 mm
- ◆ Weight: GW: 1000 g; NW: 400 g

Packing List

1 x NOVA-8522 Single board computer	
1 x IDE Flat Cable 40P/40P/40P (P/N: 32200-000052-RS)	
1 x RS-232/422/485 Cable (P/N: 32200-000063-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: 32102-000100-100/200-RS)	1 x VGA Cable (P/N: 32000-033800-RS)
3 x Single RS-232 Cable (P/N: 32200-000015-RS)	1 x KB/PS2 Mouse Cable (P/N: 32000-043301-RS)
1 x USB Cable (P/N: 32000-044300-RS)	1 x Mini Jumper Pack
1 x Utility CD	1 x QIG

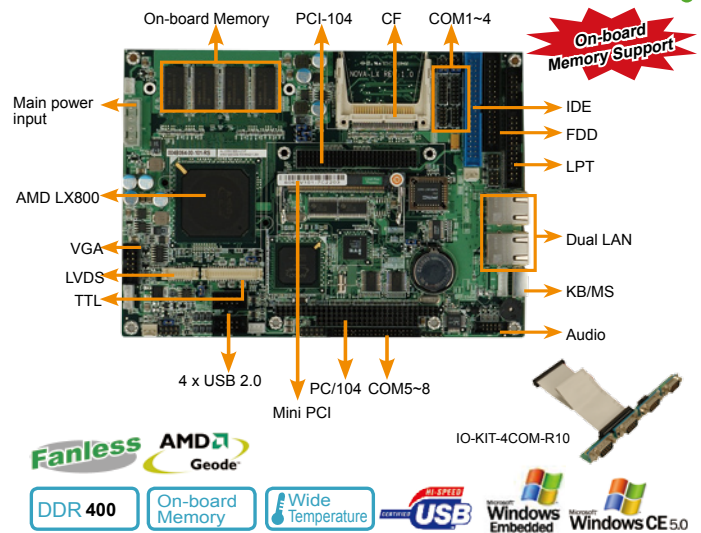
Ordering Information

Part No.	Description
NOVA-8522G2-R11	5.25" SBC Intel® Pentium® M/ Celeron® M Processor FSB 400 MHz, Dual GbE, SATA and Audio
NOVA-8522G2-600-R11	5.25" SBC Intel® Celeron® M 600MHz 512K Cache Processor, Dual GbE, SATA and Audio
NOVA-8522G2-1GZ-R11	5.25" SBC, Intel® Celeron® M 1GHz Zero Cache Processor, Dual GbE, SATA and Audio
NOVA-8522G2N-R11	5.25" SBC Intel® Pentium® M/ Celeron® M Processor FSB 400 MHz, Dual GbE, SATA and audio
CF-479B-RS	CPU cooler
32200-000058-RS	FDD cable
32200-015100-RS	LPT cable
32100-052100-RS	ATX power 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
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

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 FDD, 1 x LPT, 1 x PS2 KB/MS
- ◆ Expansions: 1 x PC/104+ (ISA+PCI Bus), 1 x Mini PCI
- ◆ Digital I/O: 8-bit digital I/O, 4 input/ 4 output
- ◆ 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 Quad 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 Industrial Data Collector and Controller

4 Video Capture Solutions

5 I/O Communication Solutions

6 Panel Solutions

7 ORing Network Communication

8 Power Supply Peripherals