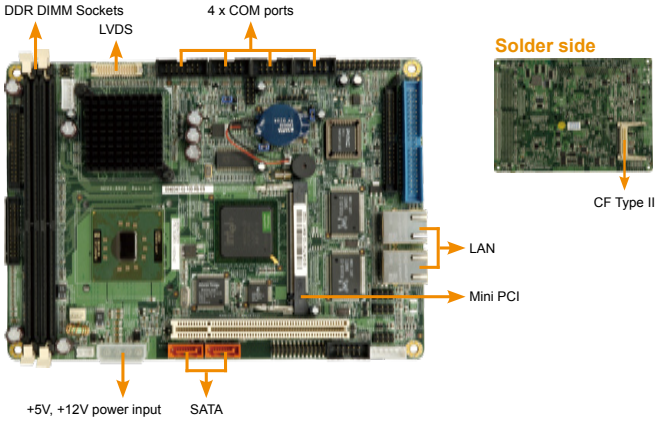
NOVA-8522G2-R11

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



FSB 400 | DDR 266 | Dual Display | SERIAL ATA SATA | USB 2.0 | One Key Recovery | symantec.

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 DDR 266 MHz DIMM 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
- 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 Chrontel CH7301
- Watchdog Timer
  Software programable supports 1-255 sec. system reset
- Power Supply
  AT/ATX support
- Power Consumption
  5V@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

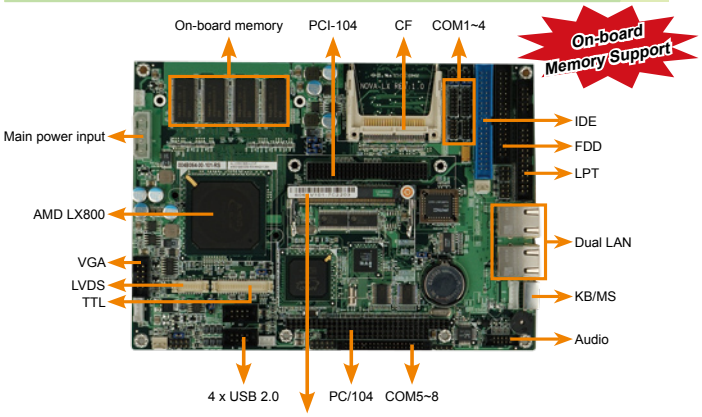
1 x NOVA-8522 single board computer	
1 x IDE Flat Cable 40P/40P/40P (P/N: 32200-000052-RS)	
1 x RS-232/422/485 cable (P/N: 32200-000063-RS)	
3 x Single RS-232 cable (P/N: 32200-000015-RS)	
1 x SATA power cable (P/N: 32102-000100-200-RS)	
1 x KB/PS2 mouse cable (P/N: 32000-043301-RS)	
1 x VGA cable (P/N: 32000-033800-RS)	
1 x Audio cable (P/N: 32000-028800-RS)	2 x SATA cable (P/N: 32000-062800-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-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-R11

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



Windows® Embedded Partner | AMD Geode™

DDR 400 | On-board memory | Fanless | Wide Temperature | USB 2.0 | One Key Recovery | symantec.

Features

1. 5.25" form factor with AMD® Geode™ LX800 CPU
2. On-board 256 MB memory, optional memory up to 512 MB
3. VGA, 24-bit TTL, 18-bit single channel LVDS display interface
4. Six RS-232, two RS-232/422/485, four 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 Quad RS-232 adapter cable (P/N: 32200-025401-RS	
2 x Single RS-232 cable (P/N: 32200-000049-RS)	
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)
2 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-LX-800W-R11	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-R11	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
19800-000400-100-RS	LPT cable
32200-026500-RS	RS-232/422/485 cable