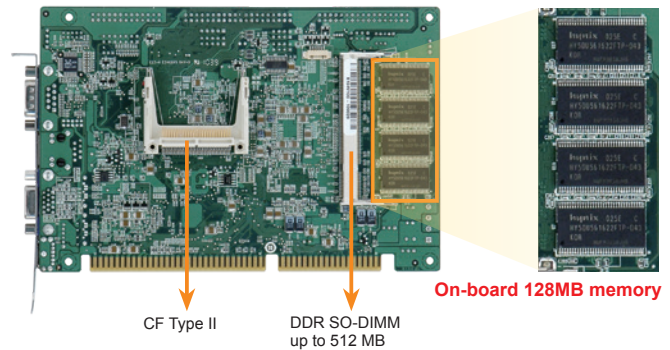
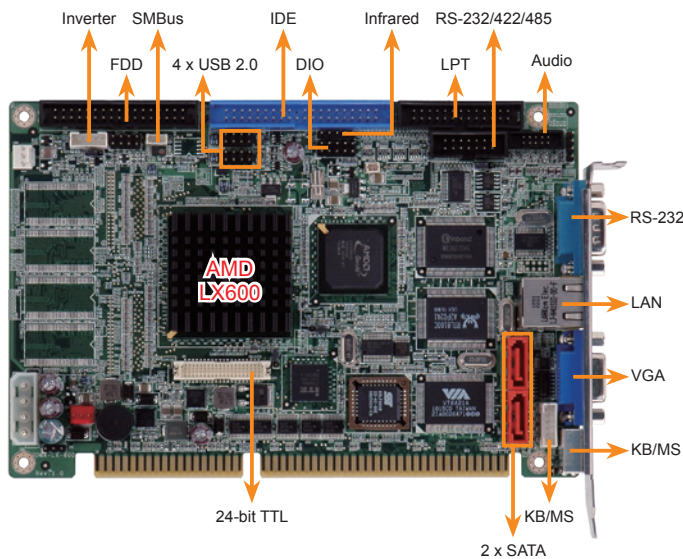
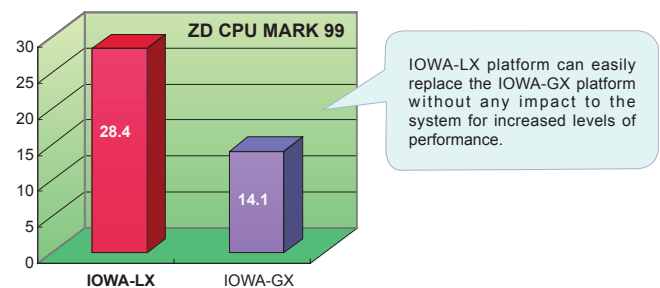


# IOWA-LX

Half-size Pure ISA CPU Card with On-board AMD Geode™ LX600 Processor (366 MHz), 128KB L2 cache, On-board 128MB Memory, VGA, LAN, USB 2.0, CF, COM, LPT, Audio and RoHS



## Performance Comparison Chart



## Specifications

- ◆ CPU
  - On-board AMD Geode™ LX600 processor (366 MHz), 128KB L2 cache
- ◆ Chipset
  - AMD Geode™ CS5536
- ◆ BIOS
  - Award BIOS
- ◆ Memory
  - One 200-pin 266/200 MHz DDR SDRAM SO-DIMMs supports up to 512MB
  - On-board 128MB DDR 266/200 MHz memory
- ◆ Graphics Engine
  - VGA integrated in the AMD Geode™ LX600
- ◆ Display Output
  - Single HD VOP 2.0 output
  - 1 x VGA (up to 1920x1440)
  - 1 x TFT (up to 1600x1200)
- ◆ External I/O Interface
  - 1 x KB/MS
  - 1 x RS-232
- ◆ Internal I/O Interface
  - 1 x CF Type II
  - 1 x RS-232/422/485 (2x7 pin, P=2.54)
  - 1 x FDD (2x17 pin)
  - 1 x LPT (2x13 pin)
  - 1 x IDE (2x10 pin)
  - 4 x USB 2.0 (2x4 pin, P=2.54)
  - 2 x SATA (RAID 0/1 supported on IOWA-LX-600S-R10)
- ◆ Ethernet
  - 10/100Mbps Realtek RTL8100C Ethernet controller
- ◆ Audio
  - Realtek ALC203 with AC'97 codec
  - 1 x Front audio (2x5 pin)
- ◆ Expansion
  - ISA bus supported via golden finger
- ◆ Digital I/O
  - 8-bit digital I/O (2x5 pin)
- ◆ Infrared Interface
  - 1 x Infrared Interface (1x5 pin)
- ◆ Watchdog Timer
  - Software programmable supports 1~255 sec. system reset
- ◆ FAN connector
  - 1 x Smart fan (1x3 pin)
- ◆ Power supply
  - 5V/12V, AT/ATX support
- ◆ Power Consumption
  - 5V@1.51A, 5VSB@0.09A
  - (On-board AMD Geode™ LX 600 CPU 366 MHz with 128MB 200 MHz on-board DDR memory and 512MB 333 MHz DDR memory)
- ◆ Operating Temperature
  - 10°C ~ 60°C
- ◆ Storage Temperature
  - 20°C ~ 70°C
- ◆ Operating Humidity
  - 5% ~ 95%, non-condensing
- ◆ Weight
  - GW: 1000g / NW: 250g
- ◆ CE/FCC compliant



## Features

- ISA CPU card with on-board AMD Geode™ LX600 processor (366 MHz), 128KB L2 cache
- Flexible on-board DDR SDRAM and one SO-DIMM slot
- Enhanced TTL, RS-232, RS-422/485 and USB 2.0 interfaces for extended connectivities
- IEI One Key Recovery solution allows you to create rapid OS backup and recovery

## Packing List

|                                       |
|---------------------------------------|
| 1 x IOWA-LX-600 single board computer |
| 1 x Audio cable                       |
| 1 x IDE flat cable                    |
| 1 x KB/MS Y cable                     |
| 1 x USB cable                         |
| 1 x Mini jumper pack                  |
| 1 x QIG                               |

## Ordering Information

| Part No.            | Description                                                                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IOWA-LX-600-R10     | Half-size pure ISA CPU card with on-board AMD Geode™ LX600 processor (366 MHz), 128KB L2 cache, on-board 128MB memory VGA, LAN, USB 2.0, COM, CF, LPT, audio and RoHS       |
| IOWA-LX-600S-R10    | Half-size pure ISA CPU card with on-board AMD Geode™ LX600 processor (366 MHz), 128KB L2 cache, on-board 128MB memory VGA, LAN, USB 2.0, SATA, CF, COM, LPT, Audio and RoHS |
| 19800-000049-RS     | LPT flat cable, 240mm, P=2.54                                                                                                                                               |
| 19800-004400-200-RS | RS-232 & RS-422/485 cable with bracket, 14-pin to two DB-9, 255mm, P=2.54                                                                                                   |
| 32801-000703-500-RS | SATA (7-pin to 7-pin) cable, 500mm                                                                                                                                          |
| 32200-000017-RS     | FDD Cable, 520mm, P=2.54                                                                                                                                                    |