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The Initio INIC-162x provides advance[...]ngle 128 pin TQFP package with 2 Serial ATA, 32-bit/66 MHz PCI 2.3[...]ant interfaces. The third memory interface allows access to FLASH[...]he Flash interface provides Read/Write access to the attached BIOS.[...]rovides Read/Write access to the attached Serial EEPROM for bus conf[...]

Features Summary

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PCI 32 bit/66 MHz Interface

- PCI 2.3 compliant interface
- Burst transfer rate of 264 Mb/s
- Built in hardware bus master engine

ATA Interface

- Serial ATA Revision1.0a, Serial ATA II Revision 1.0 (Extensions to Serial ATA 1.0).
- Serial ATA transfer rate of 1.5 Gb/s.
- Supports two SATA/eSATA channels.
- Supports SATA NCQ, TCQ commands

Memory Interface

- Support for 256K FLASH and Serial E2PROM

Data FIFO

- 256 Byte data FIFO for each channel

On Board PCI Bus Master Engine

- On board Bus Master Engine relieve the system processor from book keeping and enhance performance

Uses Initioi¦s Proprietary Host Adapter Mode of Operation

- Initio Proprietary AutoDMA mode (IDMA)
- Queued/Overlapping ATA Commands Support

Other Features

- Disk RAID 0/1 support (only for inic-1622TA2/1623TA2).
- SATA hot plug/unplug hardware support
- Implements Power Management
- Full driver support for all Major Operating Systems
- BIOS supports for DOS, Windows and MAC OS(only for inic-1623TA2) applications without driver involvement.
- Supports Plug and Play allowing users to change configurations without the use of jumpers

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INIC-1615 Datasheet

- Product Brief
- Requesting a Datasheet

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