



AT A GLANCE

- * Utilizes the latest Intel industry standard architecture.
- * Increased flexibility with Intel "All-in-one" ATX architecture planar design with 2 PCI and one AGP Video slot, Ethernet, Audio, 6 USB ports, serial, and parallel ports.
- * Enhanced system performance with higher performing processors (Intel Pentium® 4 & Celeron Processors)
- * Increased memory (up to 2GB with approved DDR 333 MHz Ram)
- * Faster and more capable Intel AGP extreme graphics
- * High system reliability, dual fans
- * Intel's latest ATX P4 hyper threading technology
- * 2 Full Size PCI cards
- * Future-proof protection using industry standard Intel micro-ATX
- * DC or AC operation
- * Compact Flash or 2.5" drive options for improved shock and vibration.

Preliminary DATA SHEET

7596 ATX Embedded Computer

Big System Performance, in a compact Micro ATX industry standard design.

The Model 7596 ATX embedded PC, provides full featured performance in a compact design. Industry standard hardware improves integration, serviceability, and up-gradability while reducing cost. High quality components have been selected to provide years of reliable operation in demanding environments. The chassis design is engineered for easy access and assembly, while offering a "Brand Name" look and feel. Professional design and affordable operation, make the model 7596 an outstanding choice.

"Future-Proof your investment by specifying the model 7596's up-gradable design."

Utilizing industry standard pc components and genuine Intel parts, allow repairing and up-grade options with standard PC skills. The open design uses non-proprietary parts simplifying repair and increasing acceptance. The exhaust fans in the Model 7596 provides excellent cooling for the most demanding applications. The Model 7600 systems include 200 Watt auto-ranging PFC power supply, mounting hardware, and heavy duty support for additional 12VDC monitor.

The system is designed to accommodate genuine Intel® motherboards and other high performance boards as they become available. Typical system certifications include FCC Class B, CSA NRTL/C and CE approvals. The unit can house 2 full length PCI slots and incorporates a claim-shell designed for easy access.

Standard configuration includes a Pentium 2.0 GHz celeron processor, 256M 333 MHz DDR memory, 40GB HD (2.5" or 3.5"), Intel extreme graphics, with integrated Ethernet, modem, 2 serial, 1 parallel, USB ports, and integral high fidelity Stereo sound.

"Save space without sacrificing Performance"

SPECIFICATIONS Intel P4 Version

FEATURE	FUNCTION	DESCRIPTION
Processor	Socket	478-pin PGA ZIF for 1.8 GHz Intel Pentium® 4 processor 533 MHz operation or Celeron.
	FSB	400Mhz, 533Mhz and High performance 800Mhz system Bus speeds
Chipset		Intel® 865
Memory	Type	Two 184-pin DIMM sockets PC266 DDRAM, 2.5V
	Capacity ECC/Parity	256 MB Standard, upgradeable to 2GB and 8G Supported
Video	Controller	Intel extreme graphics AGP 64MRam
Audio	Controller	Analog Devices AC97
	Connectors	Mini Stereo: Line-In, Line-Out, Microphone-In
Network	Controller	Quad Intel 82562 PHY 10/100Mhz
	Connector	IEEE 802.3 10Base-T and 100Base-TX compatible RJ45 with LEDs for line activity, link integrity and line speed
IDE	Devices Hard Disk Drive Types	Two Ultra ATA/100 or ATA/66 interfaces via 40-way boxed header 40 GB 7200RPM Supports ATAPI, LS120 and ZIP drives
Floppy	Types	1.44 MB supports standard 2- and 3-mode 3.5" floppy drive
Mechanical	Dimensions	Width: 304 mm (12 inches)
		Depth: 254 mm (10 inches) Height: 82 mm (3.25 inches) Weight: 12.0 pounds (actual weight depends on installed options)
I/O	Parallel Port Serial Ports	25-pin D-type supporting bi-directional, EPP and ECP modes COM1 on 9-pin D-type, COM 2/3 on Low profile adapter
	USB	Two Dual stacked USB 2.0 rear connector One Motherboard header for cabled USB ports
	Internal Modem Keyboard & Mouse Keyboard	Low profile PCI option PS/2 connectors Standard keyboard 101 codes Motherboard headers for keyboard and mouse ports
	Expansion Slots	three dedicated bus master PCI 2.2 slots One 4X AGP slot with retainer clip used for ATI video
System Management	Integrated Health monitoring	Monitoring of voltage, temperature and fans Three system fans and CPU heat sink fan
Power Management		PCI PME, ACPI 1.0, APM 1.2
Power Supply	Type Typical	Support for hard- and soft- switched PSU, 200W AC 60W or 24VDC for mobile applications
Battery		Lithium coin cell (Five years operating life typical) Optional super-cap for 1 hour backup
Color	Type	ELO Dark Grey
Operating Systems		Windows 98, Windows 2000, Windows NT®, Windows XP, Linux Qualification of real time and other operating systems subject to demand
Safety Compliance		To be Evaluated in accordance with CSA, NRTL/C, and CE
EMC Compliance		To be Evaluated in accordance with FCC Part 15 Class B

ADDITIONAL FEATURES

- * 24 hour-a-day, 7 day-a-week reliability
- * Long-Life architecture
- * up to 2 year warranty*
- * Designed for easy component accessibility
- * Versatile mounting options (bench, rack)
- * High volume cooling fans for operation in demanding environments
- * High performance P4 (up to 3G)

PRODUCT POSITIONING



The new 7596 product provide an outstanding combination of price, unmatched performance, and versatility. Whether used as a single, stand-alone system or in a LAN environment, these systems deliver the speed and solid functionality needed for off-the-shelf or customized applications. The 7596 offers Pentium 4 processor, 2GB DDR 266 memory, fast ATA133 hard disk drive access, and Intel 64M AGP 3D graphics. Integrated Ethernet , video, and Stereo Sound.

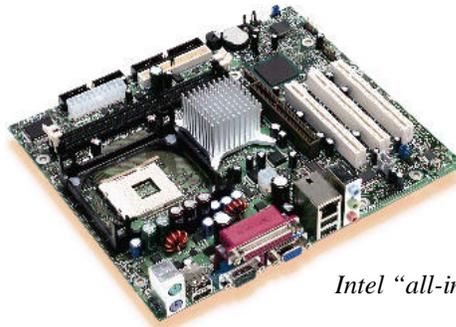
The 7596 provides 2 full size PCI slots of expansion. Dual fans are provided to effectively cool the electronics. The enclosure is designed to separate and open much like a claim-shell for easy access. The compact design provide efficient use of space and easy of maintenance.

ORDERING INFORMATION

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* 2 year motherboard only warranty—shipping charges may apply

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Intel "all-in-one" micro ATX