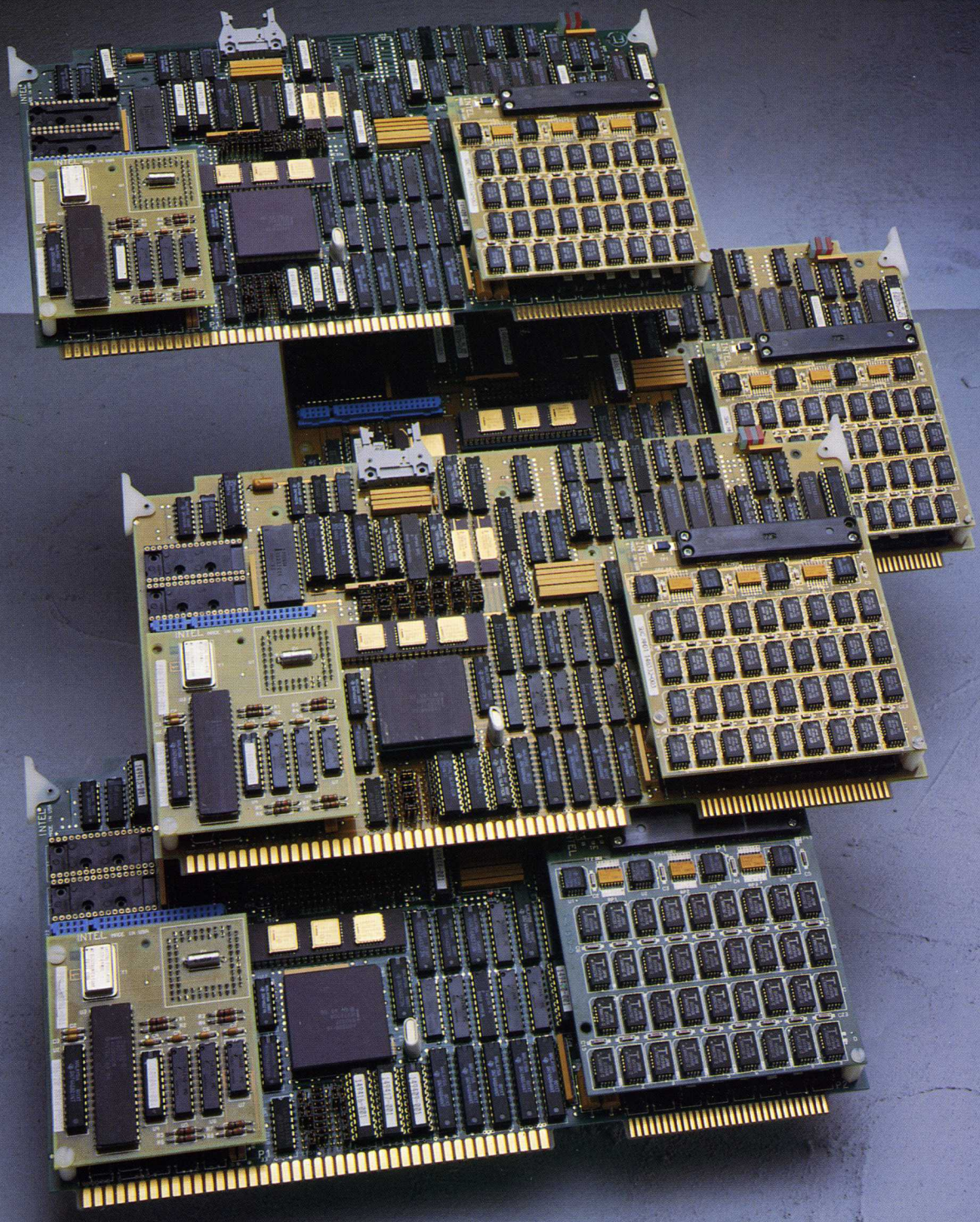
intel

The iSBC® 386 Series

Intel's highest performance MULTIBUS® CPU boards



iSBC® 386/21/22/24/28 SERIES SINGLE BOARD COMPUTERS

- **16 MHz 80386 Microprocessor**
  2.2x performance of 8 MHz 80286
  Object code compatibility with 8086/80286 software eases upgrades
- **Available with 1, 2, 4, or 8M Bytes of On-board, 32-Bit Memory**
  iSBC MM-series memory modules save space/power and lower system cost
- **80287 Floating Point Math Coprocessor**
  Speeds all floating point math operations
- **64K Byte Cache Memory**
  Provides 0 wait-state reads for the 80386
- **Two 32-pin JEDEC Sites for up to 512K Bytes of EPROM Memory**
  Ample capacity for non-volatile storage of application code, debug/test software, and OS kernals
- **RS232C Interface**
  Supports local or remote terminal (via a modem)
- **iSBX™ Interface**
  Allows for low-cost I/O expansion

With performance more than double that of an 8 MHz, 80286-based system, the iSBC 386/2x series is Intel's highest-performance line of MULTIBUS® CPU boards. These boards feature a 16 MHz 80386 CPU, an 80287 math coprocessor, a 64K Byte 0 wait-state cache memory to support the CPU, and a 32-bit interface to 1, 2, 4, or 8M Bytes of dual-ported parity DRAM memory. An additional 1, 2, 4, or 8 M Byte iSBC MM-series memory module may be installed to provide up to 16M Bytes of on-board DRAM memory. The iSBC 386/2x boards also feature an 8/16-bit iSBX MULTIMODULE™ interface for low-cost I/O expansion, an asynchronous RS232C interface to support a local terminal or modem, two 16-bit programmable timer/counters, a 16-level direct-vectored interrupt controller, two 32-pin JEDEC sites for up to 512K Bytes of EPROM memory, and multimaster MULTIBUS arbitration logic. The iSBC 386/21/22/24/28 boards are ideal for applications needing 32-bit performance together with full MULTIBUS I compatibility.

PRODUCT DETAILS

iSBC 386/21 16 MHz 80386-based MULTIBUS I CPU board with 1M Byte of on-board DRAM memory

iSBC 386/22 16 MHz 80386-based MULTIBUS I CPU board with 2M Bytes of on-board DRAM memory

iSBC 386/24 16 MHz 80386-based MULTIBUS I CPU board with 4M Bytes of on-board DRAM memory

iSBC 386/28 16 MHz 80386-based MULTIBUS I CPU board with 8M Bytes of on-board DRAM memory

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