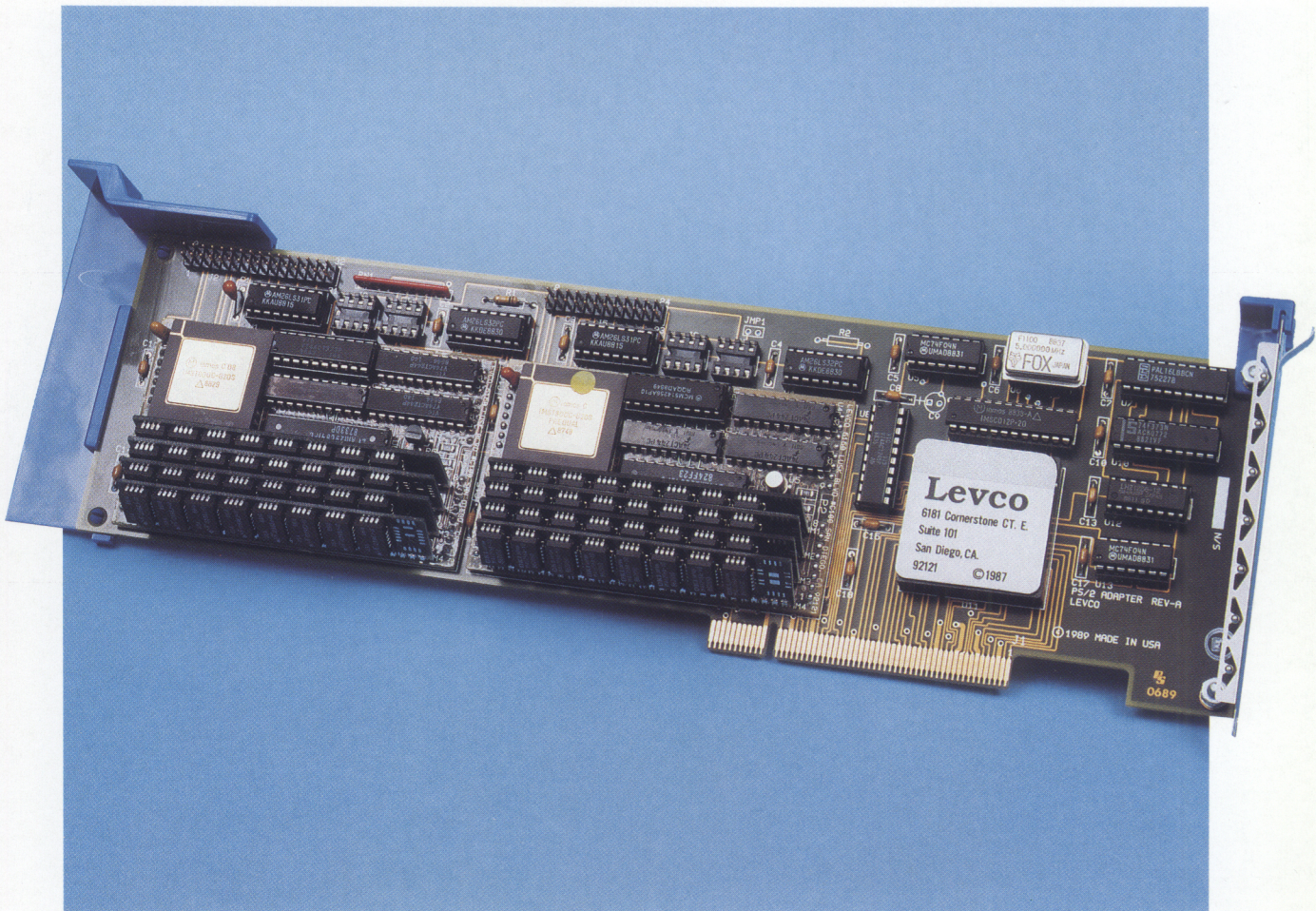


- 32-bit Transputer™ based accelerator package that delivers the power of parallel processing and Reduced Instruction Set Computing (RISC) technology.
- Unlimited expandability allowing the construction of large parallel processing systems.
- 4 high speed inter-processor links per processor.

RISClink™

High-Speed Parallel Processing for the IBM Personal System/2 computer with the Micro Channel™ Bus



RISClink Cards

RISClink provides the clock, communication and power connections between the on-card Transputer Modules and the IBM PS/2™ computer with the Micro Channel™ Bus.

- Plug two modules per card
- High-speed DMA link communication
- Can be connected to LEVCO's Superserver™ expansion chassis

Transputer Modules

Transputer Modules plug into RISClink Cards, and can be configured from a selection of Transputer processors and RAM sizes. Transputer Modules feature:

- 32-bit RISC Processor
- Up to 10 MIPS per Module
- Up to 4 megabytes of RAM per Module
- 4 high-speed inter-processor links
- Credit-card size
- Plug in installation to RISClink Cards
- Configure at time of purchase or add later

Choice of Transputer Processor

Each Transputer Module comes configured with one of the following high-speed processors.

| Type | Features |
|---------|--|
| TM 4-15 | Inmos T414 32-bit Integer Processor 15-MHz Clock Speed 7.5 MIPS |
| TM 4-20 | Inmos T414 or T425 32-bit Integer Processor 20-MHz Clock Speed 10 MIPS |
| TM 8-20 | Inmos T800 32-bit processor 64-bit IEEE floating point support 20-MHz Clock Speed 10 MIPS 4,000,000 Whetstones/second 1.5 MegaFlops |

25 MHz parts available Summer 1989.

Choice of Transputer Memory

Transputer Modules have four Single In-Line Memory Module (SIMM) sockets that carry up to 4 megs of RAM with up to 100 ns speeds.

| RAM Size | RAM Speed |
|-------------|----------------|
| 1 Megabyte | 100 nanosecond |
| 4 Megabytes | 100 nanosecond |

Software Development Tools

Levco offers:

- OCCAM II™ and Transputer Development System (TDS).
- Transputer Assembler Toolset
- Transputer Assembler and C
- Logical System C Compiler
- 3L C Compiler
- 3L Fortran Compiler
- 3L Pascal Compiler
- Express Communication Software for Transputers
- Performance Monitor
- Source Level Debugger



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Transputer Module

