

# Eagle-5 SBC

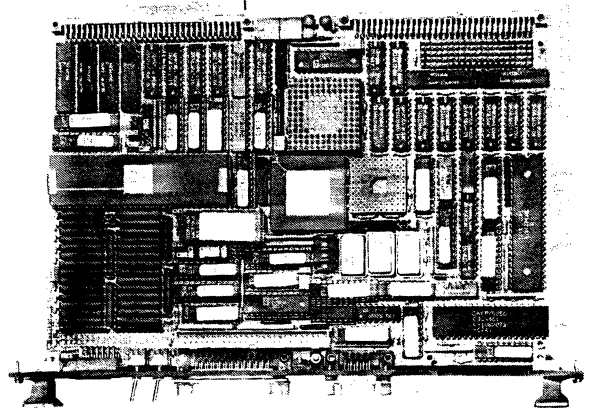
*For Real-time Applications*

*Preliminary*  
Product Specifications

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The Eagle-5 SBC supports Integrated Solutions':

- **UniWorks**, real-time operating system.
- On board plug-in modules (Ethernet, Serial, IEEE 488, Memory).
- Two mailbox interrupts for inter-processor communications.



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## EAGLE-5 HARDWARE FEATURES

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- MC68020 CPU at 16/ 20/ 25 MHz.
- MC68881/68882 Floating Point Coprocessor.
- 1 or 4 MByte of dual ported high speed DRAM on board.
- 256 x 4 EPROM for nonvolatile storage of application dependent parameters.
- 2 asynchronous serial communication ports to connect serial devices.
- SCSI host adaptor interface.
- 1 x 24 bit programmable timer.
- Time of day clock with ni-cad battery backup.
- Software programmable VMEbus interrupt handler to ease multiprocessor applications.
- Supports both the 32-bit VMEbus and VSB.
- On-board system controller, 1 level Bus Arbitration Module.
- Local Extension Bus (LEB) for customized applications with Integrated Solutions' intelligent peripheral modules.

Optional modules:

- Ethernet/Cheapernet Interface.
- 6 serial synchronous/asynchronous interfaces.
- IEEE 488.
- RAM/EPROM Memory Module offering up to 2MBytes of additional memory.

Customers are also able to build up their own specialized I/O modules, as the I/O specifications are available to all Eagle 5 board users.

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## EAGLE-5 SOFTWARE FEATURES

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- The Eagle-5 SBC offers:
  - Integrated Solutions' real-time operating system, UniWorks, utilizing VRTX, PSOS, and Wind Kernels.
  - C and FORTRAN.
  - Source-level symbolic remote debugger.

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## COMPETITIVE INFORMATION

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	<b>Integrated Solutions Eagle-5</b>	<b>Mizar MZ7122</b>	<b>Motorola MVME 135</b>	<b>Force CPU 26X</b>
<b>CPU</b>	MC68020 @ 16, 20, or 25 MHz	MC68020 @ 16 or 20 MHz	MC68020 @ 16, 20, or 25 MHz	MC68020 @ 12.5, 16 or 20 MHz
<b>FPU</b>	MC68881/68882	MC68881/68882	MC68881/68882	MC68881/68882
<b>MEMORY</b>	1 or 4 MBytes of on-board memory	1 or 4 MBytes of on-board memory	1 or 4 MBytes of on-board memory	1 or 4 MBytes of on-board memory
<b>SERIAL PORTS</b>	2	2	1	4
<b>MAILBOX INTERRUPTS</b>	2	2	0	2
<b>ON-BOARD PERIPHERALS</b>	SCSI	NONE	NONE	SCSI as A460 floppy
<b>BUS INTERFACES</b>	VME, VSB, & LEB	VME	VME & VSB	VME & VSB
<b>OPTIONAL PLUG-IN MODULES</b>	Ethernet, Serial, IEEE 488, & RAM/EPROM	VSB, SCSI, & Ethernet	NONE	NONE
<b>BASE PRICE</b>	\$2995	\$3595	\$2995	\$5390

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## INTEGRATED SOLUTIONS' SALES OFFICES

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