

# Single Board Computers Falcon

## The Falcon Single Board Computer

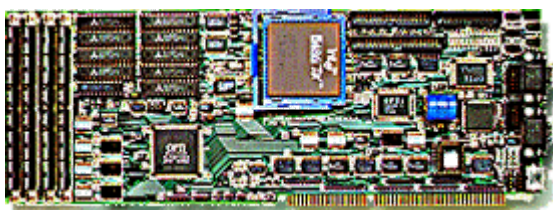
***Integrated on-board multifunction I/O control includes:***

- — EIDE hard drive control
- — Two high-speed serial ports
- — One enhanced parallel port
- — PS/2 keyboard and mouse headers

**T**he FALCON can accommodate up to 64 MB of RAM using by 32 or by 36 fast page mode SIMMs.

**T**he

486SX/DX/DX2/DX4/OverDrive ready **Falcon** single board computer brings the highest possible performance to MS-DOS, OS/2, Windows and Unix system applications. **US Logic's Falcon** CPU upgradeable computer, compatible with IBM AT and PC ISA BUS systems, provides fast 25MHz, 33MHz, 50MHz, 66MHz, or 100MHz processor operations. Integrated onboard multifunction I/O control includes: IDE hard drive control, floppy drive control, two serial ports and one parallel port.



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**Falcon** can accommodate up to 64MB of RAM by using 36 modules. **US Logic** has designed this single board computer to be compatible with current and future generations of Intel OverDrive processors. The **Falcon** single board computer offers exceptional price and performance advantages for military, industrial, medical, telecommunication and commercial applications.

**T**he

486SX-20MHz is the low cost entry into this high performance arena. The **Falcon** can be easily upgraded from 486SX economy to Intel DX4 power without the need for expensive processor modules or costly board rework. Instead of an oscillator, the **Falcon** utilizes a frequency synthesizer chip that allows the user to easily select the appropriate clock frequency.

The **Falcon** single board computer plugs directly into a single expansion slot of a passive backplane chassis. All other slots are available for multiple option cards. The integrated floppy controller provides support for disk formats from 360K to 2.88MB.

The **Falcon** single board computer was engineered to include many advanced features that provide the user with outstanding quality and long term reliability. **US Logic** provides innovative high quality industrial computers and systems that are designed and manufactured in the United States for critical, high reliability applications. The **Falcon** CPU upgradeable Single Board Computer is the high quality, reliable, and affordable solution for all customer needs.



#### [Available Features for the Falcon Single Board Computer](#)

This website offers a brief overview of US Logic products. For assistance in assembling the system that best suits your operating requirements, please contact one of our sales engineers.