

Electronic Solutions Associates

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**Industrial 486**

Why upgrade when your software and I/O require a 486 platform?

ESA's Legacy Industrial Barebones System is your drop-in replacement for legacy 486 applications and anchored by ESA's own 386/486 legacy TF-486 motherboard, which is ideal for a broad range of legacy industrial and commercial applications utilizing the popular 386/486 class of processors. It supports up to eight expansion cards, all of which can be full-length ISA cards or one can be PCI that is shared, on an industry standard Baby AT motherboard. Its compact size, high reliability, and large number of expansion slots make it an ideal alternative to expensive passive backplane system architectures. One of the most important qualities of the TF-486 is that it is produced under strict revision control guidelines to provide a long and stable product life cycle. Over 40,000 TF-486s have been utilized since 2000 for computer telephony, industrial control, medical instrumentation, surveillance, and other application environments where extensive testing or certification of the system is required. ESA's revision controlled motherboards reduce your long term costs for system testing, documentation, certification, and maintenance.

ESA recently asked Joyance (peter.tseng@joyance.com.tw) to design an OEM/ODM industrial custom, convertible chassis around our TF-486 Baby AT motherboard. This convertible chassis contains a drive bay and control panel that can be rotated according to chassis type. The unit is easily changed to a wall mount, desktop, or mini tower configuration and utilizes all eight slots of the TF-486 motherboard. ESA's partnership with Joyance gives us the opportunity to offer our customers a higher degree of customization and versatility in a USA designed and assembled chassis from a solid 30-year-old company. ESA's new 486 legacy Barebones System and current 486 development projects prove our ongoing commitment to the 486 platform. ESA also offers chassis and power supply customization to complement most any style of motherboard or passive backplane application.

486 Legacy Systems**FEATURES**

- › 7 ISA and 1 shared ISA/PCI slot
- › Watchdog timer
- › 512K cache and integrated IDE I/O controller
- › 32 MB DiskOnChip (Demo version of ROMDOS loaded), other sizes optional, DiskOnModule available
- › 120 GB IDE PATA hard drive capability. 1 MB ISA video card, other video cards available
- › DX-33 CPU, optional processors in range of SX-25 through 5X-133 available. 8 MB RAM, others optional
- › Custom BIOS available
- › Custom industrial steel chassis optimized for the TF-486 motherboard
- › Chassis convertible to wall mount, tower, or desktop configuration with customizable drive bay
- › Seasonic 80+ 300 W power supply, dual redundant optional
- › Motherboard revision control
- › RTOS Compatible