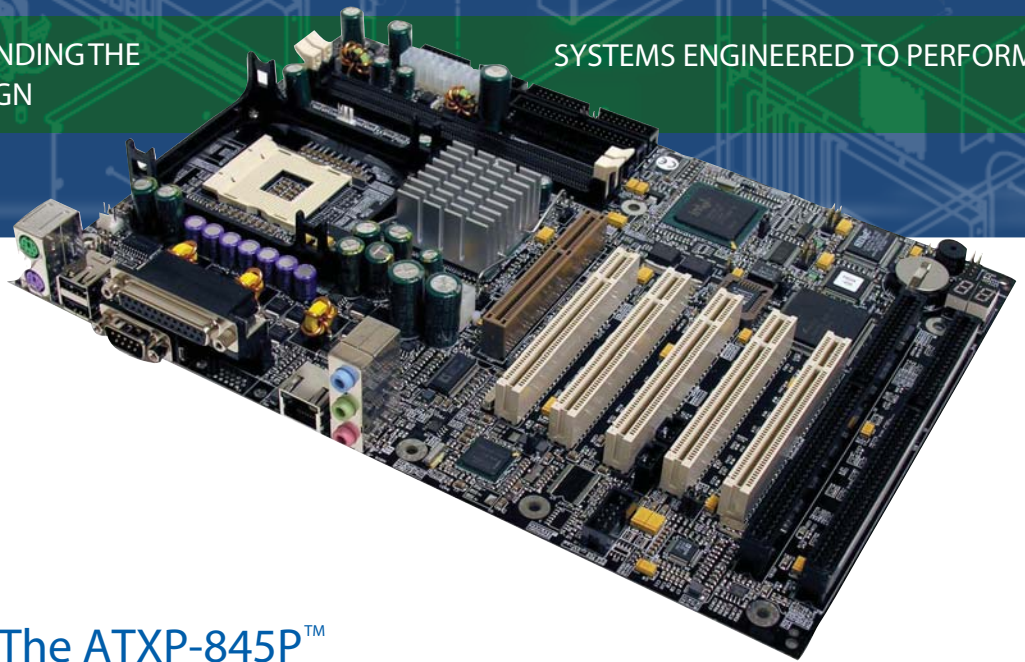


ATXP-845P

LONG-LIFE ATX MOTHERBOARD FOR EMBEDDED APPLICATIONS

LATEST HIGH PERFORMANCE EXTENDING THE LONGEVITY OF YOUR LEGACY DESIGN

SYSTEMS ENGINEERED TO PERFORM™



PRODUCT HIGHLIGHTS

- Intel® Pentium® 4 processor
- Intel® 845PE chipset
- 400/533MHz Front Side Bus
- 10/100 and Gb Ethernet options
- AGP 2x/4x
- USB 2.0
- Built-in AC'97 Sound
- Five (5) To Eight (8) Year Guaranteed Production

The ATXP-845P™

is a powerful Intel® Pentium 4® processor based industrial motherboard for embedded applications. This design utilizes the Intel® 845PE chipset to deliver maximum processing performance, powerful graphics options, latest USB standard, and multiple I/O in a single ATX (8.2"x12") design.

APPLICATIONS

- Medical
- Factory Automation
- Industrial PCs
- Semiconductor Equipment
- Imaging Products
- Security and Surveillance
- Robotics
- Test and Measurement
- Networking

The ATXP-845P boasts an impressive list of features which includes: support for Intel® Pentium® 4 processors, six (6) hi-speed USB 2.0 ports, five (5) 32-Bit PCI slots, one (1) AGP 2x/4x slot, Analog Video Out, Digital Video Out, onboard ethernet, 44-pin connector for flash disks or other IDE devices, and onboard sound.

The ATXP-845P is custom-designed to meet a diverse range of embedded computing requirements across a wide spectrum of device categories, including medical, networking, security, and factory automation, serving vertical market segments ranging from the pharmaceutical and semiconductor industries to printing, test and measurement, textile manufacturing and industrial robotics.

OUR COMMITMENT TO QUALITY

All Chassis Plans Long Life products are designed and manufactured in an ISO 9001:2000 environment and backed by a five (5) to eight (8) year production life cycle guarantee.

CONFIGURED SYSTEMS

Chassis Plans is a recognized leader in turn-key integrated industrial computing solutions. Systems are built exactly to each customer's unique application and environmental requirements. Our broad product line of COTS industrial chassis and unsurpassed custom design capabilities allows us to provide the ideal enclosure. Long Life Products and strict revision control on all components means you get the same system with every order. Chassis Plans Systems are Engineered to Perform.



The Original Industrial Computer Source

ATXP-845P

LONG-LIFE ATX MOTHERBOARD FOR EMBEDDED APPLICATIONS

TECHNICAL SPECIFICATIONS

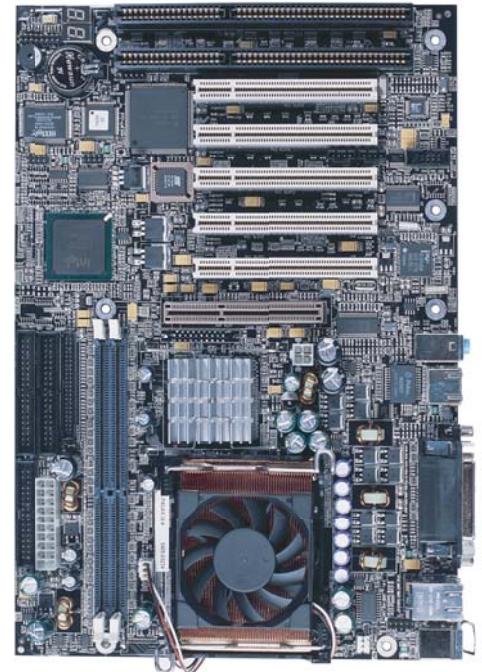
| | |
|--------------------|---|
| Form Factor | ATX 8.2" x 12.0" |
| Microprocessor | Intel® Pentium® 4 processor (Socket mPGA478) |
| Chipset | Intel® 845PE chipset |
| Front Side Bus | 400/533MHz |
| System Bus | Five (5) PCI slots (32-bit/33MHz) Two (2) ISA slots (16-bit/8MHz) (one (1) shared) |
| On board I/O | Two (2) 40-pin ATA/100 EIDE connectors One (1) 44-pin ATA/100 EIDE connector (sharing secondary IDE) Two (2) RS232 serial ports, one factory configurable to RS422 Six (6) hi-speed USB 2.0 ports (USB 1.1 compatible) Two (2) back panel connectors and four on headers One (1) parallel port ECP/EPP ECP/EPP Floppy controller Stacked mini-DIN keyboard and mouse connector Auxiliary keyboard/mouse header Infrared support on COM2 through header (optional) Digital I/O (optional) Onboard transducer/buzzer (optional speaker header) |
| Memory | Two (2) DIMM sockets support up to 2GB of DDR 333/266 |
| Ethernet | One (1) 10/100 Ethernet, factory upgradable to 1Gb. Second optional 10/100 (factory upgrade) |
| Sound | AC'97 compatible sound controller |
| Industrial Devices | POST Code Diagnostics Hardware Monitoring |
| BIOS | AMI® |
| Battery | Removable lithium battery for CMOS memory |
| Power Connector | ATX12V power supply |

Environmental Specifications

| CATEGORY | OPERATING | NON-OPERATING |
|-------------|------------------------------------|------------------------------------|
| Temperature | 0°C to 55°C | -40°C to 85°C |
| Humidity | 5% to 95% @ 40°C non-condensing | 5% to 95% @ 40°C non-condensing |

PRODUCT HIGHLIGHTS

- Intel® Pentium® 4 processor
- Intel® 845PE chipset
- 400/533MHz Front Side Bus
- 10/100 and Gb Ethernet Options
- AGP 2x/4x
- USB 2.0
- Built-in AC'97 Sound
- Five (5) To Eight (8) Year Guaranteed Production



The Original Industrial Computer Source®

8295 Aero Place
San Diego, CA 92123, USA
phone 858.571.4330 fax 858.571.6146
saleseng@chassisplans.com

www.chassis-plans.com