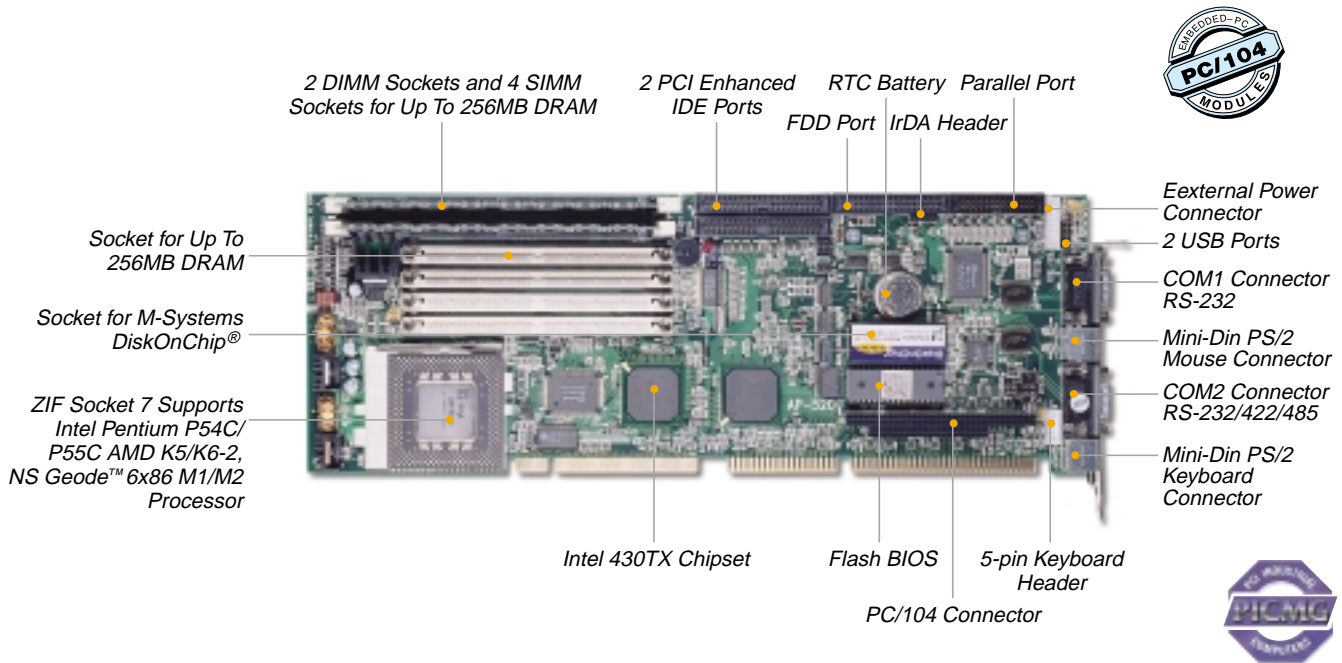


AP-520

Full-Size Pentium SBC



FEATURES

- Support Socket 7 CPU
- Intel® 430TX Chipset
- 1 x RS-232, 1 x RS-232/422/485
- Support DIMM and SIMM sockets
- 2 x USB ports
- 4 x Ultra DMA/33 EIDE
- Socket for DiskOnChip®
- Watchdog Timer

SPECIFICATION

- **CPU:** Intel® Pentium® P54C/P55C , AMD™ K5/K6®
- **Chipset:** Intel® 430TX PCI 2.1 compliant and Winbond 977TF I/O chipset
- **BIOS:** 128KB Award® license BIOS
- **Cache Memory:** 512KB pipeline burst secondary cache
- **System Memory:** 4 x SIMM and 2 x DIMM sockets , support up to 256MB of FPM/EDO/SDRAM
- **Flash Memory Disk:** Reserved socket for DiskOnChip® from M-System , support up to 144 MB flash memory disk
- **IDE Drive Interface:** 2 x IDE ports , support up to four IDE devices and Ultra DMA-33
- **Floppy Drive Interface:** 1 x FDD port , support up to two floppy devices
- **Serial Port:** 2 x COM ports , 1 x RS-232 and 1 x RS-232 / 422 / 485
- **Parallel Port:** 1x Multi-mode parallel port (SPP/EPP/ECP)
- **Universal Serial Bus:** Support 2 USB ports
- **IR Interface:** Supports one IrDA header
- **Keyboard Connector:** On-board 5-pin header and 6-pin Mini-Din PS/2 keyboard connector
- **Mouse Connector:** On-board 6-pin Mini-Din PS/2 mouse connector
- **RTC:** Internal RTC with Li battery
- **Expansion Bus:** Built-in PC/104 expansion bus
- **External Power Connector:** On-board 8-pin external power connector
- **DMA:** 8 DMA channels
- **Interrupts:** 16 levels of hardware interrupts
- **Hardware Monitor:** Intelligent monitoring system voltage, temperature and fan status
- **Watchdog Timer:** 8 level time-out intervals (0.5 / 1 / 2 / 4 / 8 / 16 / 32 / 64 sec.)
- **Power Consumption:** +5V@5.7A (Pentium-MMX-233MHz) +12V:60mA -12V:40mA
- **Operating Temperature:** 0°C ~ 60°C
- **Humidity:** 5% ~ 95%, non-condense
- **Dimensions:** 338.5 x 122 mm (13 1/4" x 4 5/6" inches)
- **Net weight:** 370 g (0.8 pounds)