

WAFER-4821/4823

3.5" Disk Size 486DX4-100 Embedded Board
With 10Mbps Ethernet, LCD/CRT VGA & CPU

4 COM

+5V
Only

LCD/CRT Display



WAFER-4821



WAFER-4823

Specifications

- CPU : 486DX4-100 CPU on board, embedded in ACC Maple chipset
- System Memory :
 - WAFER-4821 : One 72-pin SIMM socket up to 32MB EDO RAM or 4MB EDO RAM on board for OEM requirement
 - WAFER-4823 : One 72-pin SIMM socket up to 32MB EDO RAM
- System Chipset : ACC Maple
- BIOS : AMI Flash BIOS
- Video Controller : (WAFER-4823)
 - Chip : HM86508 LCD/CRT VGA
 - Bus : ISA
 - V-RAM : 1MB EDO RAM
 - Resolution : LCD: 800 x 600
CRT: 1024 x 768
 - Connectors : DB-15 for CRT display
44-pin pin-header for LCD panel
- Super I/O :
 - WAFER-4823 : 1 x RS-232 port and 1 x RS-232/422/485 selectable port
 - WAFER-4821 : 3 x RS-232 ports and 1 x RS-232/422/485 selectable port
 - 1 x parallel port (support SPP/EPP/ECP mode)
- Ethernet : Realtek RTL8019 10Mbps Ethernet chip with RJ-45 connector
- IDE : One 44-pin pin-header
- FDD : One port
- Digital I/O :
 - 4 x Input and 4 x Output
 - TTL Level
- Watchdog Timer
- SSD : One DiskOnChip™ socket
- One PC/104 expansion connector for add-on cards
- E²Key™ : A non-volatile 1Kbit EEPROM is provided to retain application critical read/write data (WAFER-4821)
- Power Consumption :
 - WAFER-4823 : 1.92A@+5V (32MB EDO RAM)
 - WAFER-4821 : 1.85A@+5V
- Operating temperature : 0°~60°C
- Relative humidity : 5~95%, non-condensing

Features:

- 486DX4-100 CPU on board, embedded in ACC Maple chipset
- One 72-pin SIMM socket up to 32MB EDO RAM
- Realtek RTL8019 10Mbps Ethernet chip on board
- HM86508 LCD/CRT VGA chip on board with 1MB video memory (WAFER-4823)
- Supports four serial ports (WAFER-4821)

Ordering Information:

WAFER-4823

3.5" disk size 486DX4-100 embedded board with LCD/CRT VGA & 10Mbps Ethernet

WAFER-4821

3.5" disk size 486DX4-100 embedded board with 10Mbps Ethernet

WAFER-4821-M4

3.5" disk size 486DX4-100 embedded board with 10Mbps Ethernet & 4MB DRAM

Dimensions:

