

APOLLO



Apollo Series Workstation

Key Features

- Thermally Advantaged MicroTower & Desktop Chassis
- 200 Watt Power Supply
- Intel® Celeron® Processor - up to 2.4 GHz
- Intel® Pentium® 4 Processor - up to 3.06 GHz
- Intel® NetBurst™ Microarchitecture
- Intel® Hyper-Threading Technology
- 400, 533, or 800 MHz Front Side Bus (FSB)
- Intel® 865G Chipset
- Maximum 4 GB DDR266/333/400 SDRAM
- Front Panel USB 2.0 Ports and Audio Connections
- Integrated Intel® Flex 6 AC' 97 Audio and Front Panel Microphone Input
- Intel® PRO/100+ Ethernet or PRO/1000 Gigabit LAN
- Six Hi-Speed USB 2.0 ports
- FCC DoC, UL Listed, EPA Energy Star Compliant
- DMI, ACPI, PC '01 Compliant

The Apollo Series Model I192, in a Thermally Advantaged MicroTower and MicroDesktop design, delivers an extremely robust, reliable, and cutting-edge platform. Its Intel® 865G chipset utilizing next generation dual channel DDR400 SDRAM, coupled with Intel's latest Pentium® 4 800 MHz front side bus processors with Hyper-Threading Technology, heightens office productivity by delivering an unparalleled performance-to-cost capability. Intel® Active Monitor, Precision Cooling Technology for real-time fan cooling and quieter system operation, and Serial ATA are some of the leading edge technologies incorporated into the Apollo Series Model I192. Other hardware characteristics of its feature set include: up to six USB 2.0 ports, integrated high quality Intel® Flex 6 audio architecture, and unparalleled data throughput with up to 6.4 GB per second system bus transfer rate. Network connectivity is provided through Intel's Network Interface Subsystem featuring Intel® PRO/100+ 10/100 Ethernet LAN or Intel® PRO/1000 Gigabit Ethernet LAN. High graphics capability is provided by either the integrated Intel® Extreme Graphics 2 solution or AGP 8X slot. These extraordinary features will assure the Apollo Series' place at the vanguard of any future performance requirements.



Model CK2-I192 & CD4-I192

Apollo Series Workstation

Processor

mPGA478-pin Package
400 MHz, 533 MHz, or 800 MHz Front Side Bus (FSB)
Intel® NetBurst™ Microarchitecture
Intel® Hyper-Threading Technology
Intel® Pentium® 4 Processors @ 1.5 GHz to 3.06 GHz
Intel® Celeron® Processors @ 1.7 GHz to 2.4 GHz

Chipset

Intel® 865G Chipset
Intel® 82865G Graphics and Memory Controller Hub (GMCH) with Accelerated Hub Architecture (AHA) Bus
Intel® 82801EB I/O Controller Hub (ICH5) with AHA Bus
Intel® 82802AB 4Mbit Firmware Hub (FWH)

BIOS

4 Mbit Flash EEPROM
Intel®/AMI BIOS - DMI 2.0, WfM 2.0, Plug & Play, SMBIOS, and Wake-On-LAN
IDE Drive Auto-Configure and Intel® Rapid BIOS Boot
Supports ZIP Drives, IDE CD-ROM or SCSI Bootup
Enhanced Advanced Configuration and Power Interface (ACPI) v1.0b
PC '01 Compliant

Cache

12k µop Level 1 Execution Trace Cache
8 KB Level 1 Data Cache
128 KB or 512 KB On-Die, Full Speed Level 2 (Advanced Transfer Cache)

System Memory

Four 184-pin Dual Channel DIMM Sockets supporting non-ECC DDR266/333/400 SDRAM Memory
128 MB, 256 MB, 512 MB, and 1 GB DIMMs
Maximum Memory Capacity of 4 GB

System Management

Intel® Precision Cooling Technology
Intel® Active Monitor
CPU Fan Auto Stop Power Saving
CPU Auto Slow-Down Overheat Detection
Power Supply Voltage Monitoring and Alert
Chassis Intrusion Detection
Keyboard Power-on/ Suspend-to-RAM
System Resources: Memory & Hard Disk Drive Utilization Monitoring & Alert
Wake-on-LAN, Wake-on-Ring, Wake-from-USB, and Wake-from-PS/2 Devices Support

Integrated PCI IDE

2 Independent Channels - PCI Bus Master IDE Ports
Supports 4 IDE and EIDE Devices
Supports PIO Modes 3 & 4 (17 MB/sec maximum)
Supports Bus Master 8237-style DMA Mode (16 MB/sec maximum)
Supports Bus Master Ultra DMA/33/66/100 (100 MB/sec maximum)
ATAPI CD-ROM Supported
SCSI LED Connector (Optional)

Integrated Serial ATA

2 Independent Channels
Supports 2 SATA Devices
Supports First Party DMA (150 MB/sec maximum)

Integrated Video

Integrated Intel® Extreme Graphics 2 Controller
Dynamic Video Memory Technology (DVMT) Supporting up to 64MB

Integrated Audio

Intel® Flex 6 Audio Subsystem
Analog Devices AD1985 Audio CODEC
Intel® 82801EB I/O Controller Hub (ICH5)
Back Panel Connectors: Line-in, S/PDIF/Line-out, & Microphone-in (mono or stereo)
Front Panel Connectors: Line-out and Microphone-in (mono or stereo)

Integrated LAN (Optional)

Intel® Network Interface Controller Subsystem
Intel® PRO/100+ utilizing Intel® 82562EX PLC for Ethernet LAN Connectivity or
Intel® PRO/1000 utilizing Intel® 82547EI PLC for Gigabit Ethernet LAN Connectivity

Integrated Super I/O

1 Floppy Port for One Drive (1.44 MB or 2.88 MB drive type)
1 Serial Port (16550 Fast UART compatible)
1 ECP/EPP Parallel Port
1 PS/2 Mouse Port, 1 PS/2 Keyboard Port
4 Back-panel USB 2.0 Ports: Two Dual Stack
2 Front-panel USB 2.0 Ports: One Dual Stack
1 RJ-45 Port (Optional)

Expansion Slots

Three PCI and AGP 8X

Bus Architecture

32-bit PCI and 1.5V AGP

Housing Configuration

CK2-I192 Thermally Advantaged MicroTower Chassis
CD4-I192 Thermally Advantaged MicroDesktop Chassis

Dimensions (d) x (w) x (h) cm/inch

CK2-I192 35.18 x 17.98 x 36.50/ 13.85 x 7.08 x 14.37
CD4-I192 40.97 x 35.89 x 13.03 / 16.13 x 14.13 x 5.13

Drive Bays

5.25 inch External = 2 (MicroTower)/ 2 (MicroDesktop)
3.5 inch External = 2 (MicroTower/ 1 (MicroDesktop)
3.5 inch Internal = 1 (MicroTower)/2 (MicroDesktop)

Power Supply Features

Input Voltage 100-120 VAC/200-240 VAC
Input Frequency 50/60 Hz
Input Currents 3 A / 6 A
Device Power Connectors 4 for 5.25" and 1 for 3.5" Devices
Green PC EEF Energy Efficient PC
Maximum Output 200 Watts
Form Factor Intel® MicroATX
Soft Power Switch DC On/Off via TTL Signal

Environmental

Operating Temperature: 0° to 55° C / 32° to 131° F
Storage Temperature: -40° to 70° C / -42° to 158° F
Relative Humidity: 92% RH @ 36° C / 97° F
Airflow Requirements: 100 LFM

Regulatory & Product Certifications

EMI/RFI: FCC Declaration of Conformity (DoC)
Safety: Underwriter Laboratories 1950, 1st Edition
EPA: Energy Star Compliant

Options

80 mm Cooling Fan 2

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