

apricot

MS530

DIAMONDTRON™ 17



THE
ULTIMATE
MULTIMEDIA HOME PC

 MITSUBISHI ELECTRIC

The Apricot MS530 redefines the home multimedia PC with new standards of quality, performance and useability.

Choose the Apricot **MS530 DIAMONDTRON™ 17** and you can be sure you're getting the ultimate multimedia home PC.

It's the PC that so far has only been imagined – powerful, yes...advanced, certainly...but only now is this level of computing and communication ability available in such an easy to use, single unit, with computing and multi-function digital television performance to match its stunning looks.

Through one combination of expertise between Mitsubishi and Apricot you can get ahead in education, be better informed and better entertained.

That's why for instance, with the Apricot MS530 simply by using an infra red remote control you can join a world where computer images can talk to you, where you can communicate with someone on the other side of the Earth, and connect with the most authoritative sources of information.

If you really want the best there is, you need the Apricot **MS530 DIAMONDTRON™ 17**.



THE ULTIMATE MULTIMEDIA HOME PC

Intel Pentium® 120/133 & 166 MHz Processors
Only the most powerful processors are specified for the best-ever performance

Up to 64MB Onboard RAM Memory
The EDO SIMM memory has enhanced performance and unrivalled access speed

1.7GB Quantum Hard Drive
A massive, fast access hard drive; large enough to cope with all your applications for years to come

Internal Sony "Storage-hungry" CD ROM Drive
The advanced high performance drive from a top name ensures excellent CD performance

Infra red Remote Control
Total control of your Apricot PC and integrated television facility made simple – just like conventional TV and video remote controls, with additional pressure sensitive mouse control

Accelerated PC Graphics
A Cirrus Logic GD5436 Graphics Controller ensures that even the most graphically intensive applications move like lightning

Integrated Sound Blaster Vibra 16 Audio
Superb stereo separation and audio performance from the technology leaders

Integrated 17" Diamondtron™ Monitor
The state-of-the-art in digital visual technology from Mitsubishi for unparalleled graphics and television performance

On-line V34bis Fax/Modem
Your link with the amazing world of the Internet and the communications of tomorrow. Includes Compuserve service provider – the world's largest managed online information service

Hypersound™
Developed by Apricot and Mitsubishi, digital Hypersound™ boosts both bass and high frequency tones to give you the uniquely high quality sound you'd expect from the technology leaders



BE SURE YOU'RE GETTING THE BEST OF MULTIMEDIA COMPUTING AND DIGITAL TELEVISION



Once you start using your Apricot MS530, all its features will combine to make you realise that you have the very best PC you can buy. With the combined strengths of Apricot Computer expertise and Mitsubishi consumer electronics skills in one stylish package, this is truly the ultimate multimedia experience for personal, business and education applications – not forgetting plain old fashioned fun!



Unique Welcome Mat

The Welcome Mat features an easy to follow step by step set up guide, which will quickly get you started.

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IF YOU CAN USE AN INFRARED REMOTE CONTROL, YOU CAN USE THE ULTIMATE MULTIMEDIA PC

If you've used a TV or video remote control before, you'll find it's just as easy to control your Apricot MS530 by the same means. We've purposely designed the infra red remote control to echo the kind of functions you're already used to, so you'll have no problems even as a first time user.

ALTOGETHER BETTER

The Apricot MS530 lets you send and receive faxes and Email, receive terrestrial, satellite and cable TV, play music CDs and the latest computer games, manage your home or business affairs, access vast amounts of information and a whole lot more. It truly is the ultimate multimedia PC!

With the integrated design of the Apricot MS530 you can forget the usual jungle of wires which accompany many PCs. The single power source doesn't just make for a tidy and space-saving unit that's simple to set up, it also saves you money by saving energy, because the Apricot MS530 can be on 'stand by' like a TV or video when not in use. Even in this energy-saving mode, your PC can still receive Email, Voicemail and faxes.

VISIBLY AND AUDIBLY AHEAD OF ITS TIME

Thanks to Apricot's access to Mitsubishi monitor and TV technology, the MS530's Diamondtron™ 17 inch, high-resolution monitor is amongst the best you'll find in a multimedia PC. This monitor will really bring your games and graphics to life, with exceptional full screen clarity and definition. The system also features high quality integral speakers for superb stereo separation, and amazingly clear, rich reproduction thanks to the digital 'Hypersound'™ function. Hypersound™ includes two digital signal audio processors which boost bass and high frequency tones. So whether you're playing your favourite computer game, listening to a CD or simply watching TV, sound quality with the MS530 is definitely hi-fi in performance.

A PC WITH TELEVISION AND TELETEXT FUNCTIONS

The Apricot MS530 can be easily be used as a TV, with Teletext functions as standard.

Three TV modes can be chosen from: as a full screen, a window or as a backdrop to another application you may want to use at the same time. And you can take images from television, cable, satellite or a camcorder, copy them on to your disk and print them out for your own use – a great idea for things like the kids' school projects!

SPECIFICATION

PRODUCT FEATURES:

Integrated 17" Diamondtron™ monitor – Mitsubishi tube technology
Pentium® 120, 133 and 166MHz processors

Up to 64MB onboard RAM

Accelerated PC graphics

Intel Triton Chip set

1.7GB Quantum Hard drive

Cirrus Logic GD5436 graphics controller
Up to 2MB of video RAM

Advanced EDO memory as standard

256k cache memory

Internal Sony Six Speed CD ROM

Integrated Soundblaster Vibra 16 audio

Internal stereo speakers

Mitsubishi Hypersound™ technology

Comprehensive bundled software for education, entertainment and business

3 power modes

2PCI and 3 ISA expansion slots

On-line V34bis modem included

Infra red remote control

Integrated digital TV/Teletext – can also receive cable/ satellite

Support for composite video input

STANDARD FEATURES:

1.44MB floppy drive

Serial port

Parallel port

Mouse port

Keyboard port

102 Keyboard

2 button mouse

Pre-installed Windows 95

Processor

CPU Type	Intel Pentium® processors
Clock Speed (internal)	120 MHz, 133 MHz or 166 MHz
Clock Speed (external)	60/66 MHz
Internal Cache	2x8KB
Coprocessor	Integral
Data/Address Bus	64/32 bits
CPU Socket Type	321-pin ZIF (Socket 7)
iCOMP benchmark	1000/1110/1308
Core Logic chipset	Intel 430FX PCI set

External Cache

Supplied	256KB Async on 120 & 133 MHz models 256KB pipeline burst on 166 MHz models
Maximum	256KB
Mapping	Direct
Writing Scheme	Write back
Cache Speed	15ns/66MHz

RAM

Supplied	16MB
Maximum	64MB
Type	32-bit EDO SIMM
Speed	70ns
Fitted RAM location	Motherboard
Parity	None
Sockets: total	2
ree	0
Sizes supported	4, 8, 16 & 32MB

ROM

Size	1MB
Type	Flash ROM
Shadowable	Yes

Graphics

Controller	Cirrus Logic GD5436
Interface	PCI Local Bus
Location	Motherboard
Video Memory: Supplied	1MB on 120 & 133 MHz models 2MB on 166 MHz models

Max Type	2MB DRAM
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Max N.I. resolution @ 1MB	1024x768 (256 colours)
Max N.I. resolution @ 2MB	1280x1024 (256 colours)
Max N.I. colours @ 1MB	16.8 million (640x480)
Max N.I. colours @ 2MB	16.8 million (800x600)

Modem

Specifications	V.34 (28,800 bps) Data Mode (Plus: V.21, V.22, V.23, V.22bis, V.32) V.17 14,400bps Group 3.EIA Compatible Fax Mode (Class II) Error correction & compression (V.42 & V.42bis) 12bit 11KHz sampled Business Audio Voice Quality
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Security

Technology	BIOS level security
Access control	Power On/ CMOS Set-up password

Expansion

Total Slots	5
PCI	2
ISA	3
Free Slots	2xPCI, 1xISA

I/O Ports

Serial: quantity	Dual 16550 compliant. (one used by I/R controller)
connector	9-pin D-SUB
Parallel: quantity	1
type	ECP/EPP compliant

Dual channel PCI bus EIDE controller

ATA IDE standard	Mode 4
Connector type	40 pin
Max Data transfer	16.6Mb/s
Keyboard type	PS/2
Mouse type	PS/2

Power Supply

Rating (constant)	210W
Rating (peak)	242W
Type	Switched Mode

Voltage Setting

Voltage input range (AC)	198-262V
Max loads	+5V 12A +12V 3.5A -12V 0.2A -5V 3A

External connectors	IEC in
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Floppy drive

Type/Capacity	3.5"/1.44MB
Controller	Embedded

Audio

Type	Creative Labs SoundBlaster Vibra-16
Enhancement	Hypersound Audio
Location	Motherboard
Ports	Line in, Line out, Mic in, Speaker out, MIDI/Joystick
Speakers location rating	Integral Stereo Dome 2x 2W

CD-ROM

Type	Sony CDU111
Transfer rate	900KB/sec
Average access	180ms
Interface	IDE
Protocol	ATAPI
Rotational Speed	x6 (six speed)

Hard Drive

Capacity	1.7GB
Type	IDE
Average access	11ms
Track to track seek	2.5ms
Burst data rate	9.02MB/sec
Cache	128KB
MTBF	4,000,000 p.o.h.

System Cabinet

Type	All-in-one Multimedia PC/TV
Width x depth x height	430 x 426 x 445mm
Weight	35 KG
Colour	Apricot Pearl White

Warranty

Standard cover (UK mainland only)	1 Year limited warranty
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Environmental

Temperature (operating)	5 to +35 degrees C
Temperature (non-op.)	5 to +65 degrees C
R. humidity (operating)	10 to 80%
R. humidity (non-op.)	10 to 90%
EMI/RFI approvals	CE compliant MPR II

Safety	BEAB
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Integrated Monitor

Standard	EVGAe
CRT size	17"
CRT Type	Diamondtron™ Dark tint

Display area	300 x 225mm (+/- 6mm)
Dot Pitch	0.26mm
Phospor	P22
Video input	Analogue RGB
Max. video bandwidth	160MHz
Max res @ vert. frequency (N.I.)	1280 x 1024 @ 75Hz
Power Management	VESA DPMS EPA compliant

Memory Settings	19
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Input Devices

Keyboard	102 key, PS/2 interface, 2m cable
Mouse	2 button, 400 dpi, PS/2 interface, 1.83m cable
Infra red remote controller	custom multi function remote controller

LCD Display

Panel	16 characters x 2 rows
Function	Monitor adjustment, Hypersound control

Preloaded software

Operating system	Microsoft Windows 95
Applications	User tools Apricot user interface including:- scheduler function, TV & Teletext control, I/R support, message centre, advanced power management
Education	Hutchinson Multimedia Encyclopaedia, Bodyworks 5, Sesame Street Words, Madeline
Business & Personal	Microsoft Works, Microsoft Money, Compuserve Trial, Cyberworks,
Productivity	Discoverware Learn W95, Apricot Easy Manager
Entertainment	Fifa 96, Magic Carpet 2, U.S.N.F. Gold
Also included - Pre-installed Windows 95 and an Apricot CD System Recovery Disk Software bundles may vary in different outlets.	

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DISCOVER THE WORLD OF MULTIMEDIA WITH THE APRICOT MS530

0800 212 422

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<http://www.apricot.co.uk>



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Certificate No's:
FM 1716 FS 21715 FS 30305

