## apricot MS530 DIAMONDTRON 17



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## THE USE MULTIMEDIA HOME PC

MITSUBISHI ELECTRIC



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

Up to 64MB Onboard The EDO SIMM memory performance and unrivalled access speed



On-line V34bis

Your link with the

Internet and the

communications of tomorrow. Includes

Compuserve service provider - the world's

largest managed online

information service

amazing world of the

Fax/Modem

## **Hypersound**<sup>TM</sup>

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

## **RAM Memory** has enhanced

## 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.

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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.**

> > TELEVISION & TELETERY



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## 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<sup>TM</sup> Monitor The state-of-the-art in digital visual technology from Mitsubishi for unparalleled graphics and television performance

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

even as a first time user.

Teletext functions as standard.

## SURE YOU'RE GETTING NG ISION





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'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

## 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<sup>™</sup> 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'<sup>TM</sup> function. Hypersound<sup>TM</sup> 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

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!









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With the emphasis on user-friendly and user-useful functions, we have designed a complete range of software for inclusion with your Apricot MS530. To reproduce the MS530's standard software bundle on a conventional PC, you could easily find yourself spending hundreds of pounds!

## EDUCATE, ENTERTA

Apricot have designed a system on the MS530 to make your applications easily accessible from the moment you start up the PC. **The Apricot Easy Manager**<sup>™</sup> comprises various

applications to give you maximum benefits from a multimedia PC, without having to be an expert.

**Education** Because the Apricot MS530 is at the same time easy to use and highly advanced, it's the ideal way to introduce children to the kind of technology they'll be using in later life. Multimedia is an unparalleled way to bring subjects to life - through words, pictures, animation and brilliant

stereo sound. And it's not just the kids who'll have an invaluable advantage with their schoolwork, getting into Multimedia is good for your career too! Entertainment Centre The purpose-designed Entertainment Centre runs all the

multimedia games included with the MS530. Access couldn't be easier or simpler; just place the CD in the tray, press a button and you're playing! Message Centre Apricot's Message Centre allows you easily to identify and respond to Voicemail messages, Email, faxes and memos through an easy to use operating screen. Media Manager This software function offers far more than usual standard personal schedule programs. It can operate as a morning 'wake up' system – automatically starting up your PC at say,



8.25 am, with the software applications you require ready and waiting for you to use at 8.30am. It can even interrupt you at a set time of day to show you a TV programme or give you a reminder. **Parental Lock** If you want to control the viewing of certain TV, satellite or cable channels, the Apricot MS530 has a Parental Lock and an Attempted Access Log to give you complete peace of mind over viewing access.





**Entertainment** Whether you're exploring the remotest corners of the Internet, playing a chart-topping game or listening to your favourite music CD, the Apricot MS530 has the flexibility

and capacity to be your best choice for entertainment capability for years to come. **Business and Personal Productivity** From writing a letter to balancing a budget, keeping records to managing a busy schedule, the Apricot MS530 makes life so much easier to organise. With world-wide communications set to transform the way we work and live, the MS530's integral fax modem means you can instantly start to communicate through Email, Voicemail and fax. A Comprehensive Solution The inclusion of Windows 95 and Apricot's unique Discoverware Training CD means you'll pick up the knowledge to make maximum use of your Apricot system quickly and easily. It's a typical example of Apricot attention to detail. In the extremely unlikely event of your computer failing, or your erasing system files by mistake, our inclusion of a CD Recovery Disk means it's simple restore your PC to 'as bought' condition. Along with operating software which is exclusive to the MS530, there is also an extensive range of bundled software included.

Software packaging illustrated is for photographic purposes, and may differ from actual product shipped. Software bundles may vary in different outlets.



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## SPECIFICATION

## **PRODUCT FEATURES:**

Integrated 17" Diamondtron<sup>™</sup> 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<sup>™</sup> 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 Integral 64/32 bits		
Coprocessor			
Data/Address Bus			
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		
Maximum	256KB pipeline burst on 166 MHz models		
Maximum	256KB		
Mapping Writing Scheme	Direct Write back		
Cache Speed	15ns/66MHz		
1			
RAM	16MD		
Supplied Maximum	16MB 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		
Туре	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	2MB		
Type			
Max N.I. resolution @ 1MB Max N.I. resolution @ 2MB	1024x768 (256 colours)		
Max N.I. colours @ 1MB	1280x1024 (256 colours) 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		
Security			
Technology	BIOS level security		
Access control	Power On/ CMOS Set-up password		
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Expansion		System Cabinet	
Total Slots	5	Туре	All-in-one Multimedia PC/TV
PCI	2	Width x depth x height	430 x 426 x 445mm
ISA	3	Weight	35 KG
Free Slots	2xPCI, 1xISA	Colour	Apricot Pearl White
I/O Ports		Warranty	
Serial: quantity	Dual 16550 compliant.	Standard cover (UK mainland only)	1 Year limited warranty
	(one used by I/R controller)	· · · · · · · · · · · · · · · · · · ·	, ,
connector	9-pin D-SUB	Environmental	
Parallel: quantity	1	Temperature (operating)	5 to +35 degrees C
type	ECP/EPP compliant	Temperature (non-op.)	5 to +65 degrees C
Dual channel PCI b	us EIDE controller	<ul> <li>R. humidity (operating)</li> <li>R. humidity (non-op.)</li> </ul>	10 to 80% 10 to 90%
ATA IDE standard	Mode 4	EMI/RFI approvals	CE compliant
Connector type	40 pin		MPR II
Max Data transfer	16.6Mb/s	Safety	BEAB
Keyboard type	PS/2		
Mouse type	PS/2	Integrated Monitor	5104
Power Supply		- Standard	EVGAe
	210W	CRT size	17" Diamondtron TM
Rating (constant)	210W 242W	CRT Type	Diamondtron™ Dark tint
Rating (peak) Type	Switched Mode		Anti glare/ Anti static
		Display area	300 x 225mm (+/- 6mm)
Voltage Setting		Dot Pitch	0.26mm
Voltage input range (AC)	198-262V	Phospor	P22
Max loads	+5V 12A	Video input	Analogue RGB
	+12V 3.5A	Max. video bandwidth	160MHz
	-12V 0.2A	Max res @ vert. frequency (N.I.)	1280 x 1024 @ 75Hz
	-5V 3A	Power Management	VESA DPMS
External connectors	IEC in		EPA compliant
Floppy drive		Memory Settings	19
Type/Capacity	3.5"/1.44MB	Input Devices	
Controller	Embedded	Keyboard	102 key, PS/2 interface, 2m cable
Audio		Mouse	2 button, 400 dpi, PS/2 interface,
	Creative Labs SoundBlaster Vibra-16		1.83m cable
Type Enhancement	Hypersound Audio	Infra red remote controller	custom multi function remote controller
Location	Motherboard	LCD Display	
Ports	Line in, Line out, Mic in, Speaker out,	Panel	16 characters x 2 rows
	MIDI/Joystick	Function	Monitor adjustment,
Speakers location	Integral Stereo Dome		Hypersound control
rating	2x 2W		
CD-ROM		- Preloaded software	Microsoft Windows OF
Туре	Sony CDU111	Operating system Applications User tools	Microsoft Windows 95
Transfer rate	900KB/sec	Applications User tools	Apricot user interface including:-
Average access	180ms		scheduler function, TV & Teletext control,
Interface	IDE		I/R support, message centre,
Protocol	ATAPI		advanced power management
Rotational Speed	x6 (six speed)	Education	Hutchinson Multimedia Encyclopaedia,
Hard Drive	· · · · · ·	- Education	Bodyworks 5, Sesame Street Words,
Capacity	1.7GB		Madeline
Туре	IDE	Business &	Microsoft Works, Microsoft Money,
Average access	11ms	Personal	Compuserve Trial, Cyberworks,
Track to track seek	2.5ms	Productivity	Discoverware Learn W95, Apricot Easy Manager
Burst data rate	9.02MB/sec	Entertainment	Fifa 96, Magic Carpet 2, U.S.N.F. Gold
Cache	128KB		95 and an Apricot CD System Recovery Disk
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# DISCOVER THE WORLD OF MULTIMEDIA WITH THE APRICOT MS530



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Not all outlets will stock all Apricot multimedia computers or configurations. Please contact your local supplier for details. Prices shown are recommended retail prices, exclusive of VAT. Contact your local stockist for actual current price. Some peripheral products are brought in and supplied on by Apricot from organisations which may not have BS5750 registration. Apricot reserves the right to alter prices and specifications without prior notice. E&COE.



Certificate No's: FM 1716 FS 21715 FS 30305

