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- Motherboards & RAM
- Processors
- Graphics Cards
- Displays
- Audio Video
- Mass Storage
- Networking
- Mobile Devices
- Peripherals & Consumer
- PCs & HowTo
- Games & Entertainment
- Business Reports
- Columns
- Service
- Search Prices
- Search Articles
- Keyword Index
- Historical Archive
- LAN Parties
- THG Videos

PCs & HowTo

March 5, 2004

NEW VMware Workstation 4: More Virtual PCs, More Functionality

Imagine not one, but two, three or more separate operating systems loaded on a single PC, each of which functions as a separate OS on a separate physical machine. VMware Workstation 4 does just that by creating and managing one or more virtual machines on a single, physical host PC. Every virtual machine is a full-fledged virtual PC, where you can install a guest operating system of your choice, with network configuration and a full suite of PC software.

NEW On The Fly: Boot Knoppix Linux, Keep Windows Installation

MSI MEGA 180 Mini-PC: Functionality Combined With Beauty

Review: Printing Your Own CDRs With Ink
More Releases in PCs & HowTo

Displays

March 4, 2004

NEW Eye Candy: Stereo 3D Imaging

Stereo 3D imaging has the potential to become a major killer app, based on the premise that we prefer to perceive images in three dimensions instead of two. We look at what stereo 3D is, how it works and the role it plays in rendering reality. After centuries since its first documented use, has 3D imaging's time come at last?

LCD Technicalities: Do Contrast Ratios Matter?

Review: 20" LCD S-IPS Panels

17" LCD Part V: Four Panels Compared

More Releases in Displays



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Free Parking - Free URL Forwarding
Free Locking - Free Custom DNS

Fully Accredited - pairNIC.com - Domain Registration

Networking

March 2, 2004

First Look

February 26, 2004

NEW Archos Gmini 220

Creative Labs MuVo²

Life Offline: Gateway DC-T23 Pocket Digital Camera

Latest Hard News

March 5, 2004

HP adds FIC to notebook ODM lineup

SCO memo scandal: Is Microsoft behind it all?

Microsoft gadget keeps record of your life

Gateway reduces prices on E-series systems

CERN celebrates 50th birthday

Kingmax announces fast SD card

Tom's Low Price Finder

Motherboards: Asus, MSI, Gigabyte, Shuttle

RAM: Crucial, Kingston, OCZ

CPUs: AMD, Intel, Celeron

Graphics: Radeon, GeForce4, Oxygen

Vonage goes retail with Circuit City

Samsung joins IBM, Infineon in chip plan

Details leak on NV40 Ultra and non-Ultra

Operator and marketer of Bob Vila web site sued for spamming

Unreal Tournament 2004 goes gold

CA blasts SCO,

Hot!

Late Christmas Present: ATI Mobility Radeon 9700



Fewer than six weeks into the new year, ATI is waking the mobile gaming community up from its state of winter hibernation with a new mobile DirectX 9 chip, the MR 9700. ATI's goal: nothing less than to close the performance gap between notebook and desktop graphics performance.

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www.system1wholesale.co

Dell Takes on the iPod: Dell Digital Jukebox 15/20 GB



The Digital Jukeboxes cost \$249 and \$299 for the 15 GB

Product Database Information Advertising Info Privacy Policy Community Tom's Hardware Guide Community

The best knowledge base remains the human brain. It adapts quickly to change, and is very adept at solving complex problems that defy logic. Sounds like the ideal resource for anyone into hardware.

If you want to start a thread with like-minded hardware enthusiasts, or you're looking for someone who has experience of a particular device, or a problem you may have, this is the place to be.

Register here for write access, and **join in!**

THG UD

Please **join** the Tom's Hardware Guide United Devices Cure for Cancer Team.

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NEW Head to Head: Tritton's ASAP vs. ioGEAR's BOSS



Does a product that combines 120GB of networked storage with a PPTP/IPsec VPN endpoint router for about \$350 sound like a good deal? We thought it might, but Tritton's All-in-one Server Appliance (ASAP) and ioGEAR's Broadband Office Storage Server (BOSS) share what we think is a fatal flaw that should make you think at least twice before you buy.

ProblemSolver: When Wireless LANs Collide! Review: ASUS WL-330 Pocket Wireless Access Point Review: 3Com OfficeConnect Wireless Cable/DSL Gateway More Releases in Networking

Motherboards & RAM

March 1, 2004



NEW Sneak Preview: Intel's Alderwood/Grantsdale Chipsets



This is a year of change. The Alderwood and Grantsdale chipset launch, with its numerous innovations, represents the biggest technological advance since the introduction of the PCI bus. We take a look at Intel's socket 775, DDR2 memory, the new BTX form factor and PCI Express. Did we forget to mention that we have also recorded the first benchmarks for an Alderwood system?

Ups and Downs: Memory Timings Put to the Test Review: Athlon64 Boards Found Lagging in Memory Support The King of the Heap: 4 Chipsets for the Athlon64 More Releases in Motherboards & RAM

Games & Entertainment

February 28, 2004



LAN Party: LPB Asylum 6 Racing: The Fast and the Furious Meets Gran Turismo LAN Party: AsylumLAN 15 Of In-Air Mice and Men: Gyration In-Air Mouse and Atek Pointer More Releases in Games & Entertainment

Mobile Devices

February 25, 2004



Asus S5200N: Almost Too Pretty to Use Back On The MP3 Road: Rio MP3 Players The Modular Approach: FIC MB05 Centrino Notebook Late Christmas Present: ATI Mobility Radeon 9700 More Releases in Mobile Devices

Audio Video

February 23, 2004



Listen Through USB: Five External Sound Cards ADS DVD Xpress: Trash VHS Cassettes, Burn DVDs TV on PC: Compro Videomate Tv Gold Plus Home Theater Quality Sound: Creative Labs DDTS-100 More Releases in Audio Video

Columns

February 20, 2004



Confusing the Market Place Intel's 64 bit Lye (Omid needs to apologize to AMD users) Intel's 64 bit Doomsday Scenario Here's to a Great 2004: Make it White Hot Readers' Choice Awards 2003 Results

disputes Linux license claim

Linux slashes price for P2P buyers

SCO refutes allegation that Microsoft is footing suit costs

Flash Memory Manufacturer says there will be no HD in Xbox Next

March 4, 2004

US pressures China over WAPI

Intel expects quarter revenue to exceed \$8 billion

NASA rover photographs Mars moon crossing the sun

Worm wave rolls on

CeBit Organizer boosts WLAN service fee

Michael Dell steps down as CEO

It had to happen: The disposable computer

Bank email phishing scam discovered

Kazaa office raid upheld

ICQ builds a social network

Eidos acquires Hitman developer

Nvidia announces FX 5700 Ultra GPU supporting GDDR-3

Napster sets UK debut, rest of Europe in limbo

Disney splits CEO, chairman positions

AMD to release 2.6GHz FX55 in May

CA named as SCO licensee

Gartner considers camera-phones as security risk

Philips develops fluid lenses

Nvidia to bundle Doom 3 with graphics cards

DRAMeXchange: DDR and SDRAM spot prices hold steady

Ask Jeeves to buy Interactive Search

and 20 GB versions, respectively. But what exactly do you get for your money?

VGA Charts Part III

This year's THG VGA charts feature performance tests from ten different games and benchmarks, including an overview of 46 different graphics cards from ATI, NVIDIA, Matrox, S3 and XGI. We also included tests gauging anisotropic filtering and FSAA and a ranking of the cards by a price/quality ratio. As always, some of the results should surprise.

65 CPUs from 100 MHz to 3066 MHz

After 300 hours of testing in the Tom's Hardware labs, we bring you a comparison of 65 CPUs - from the Pentium 100 to the latest Athlon XP 3000+. It's a monster review with 13 different CPU platforms.

Find the lowest prices on:

mainboards: asus, shuttle, abit, gigabyte, biostar, msi, aopen

cpus: amd, athlon, intel, celeron, opteron

ram: corsair, kingston, samsung, crucial, ocz

storage: ibm, western digital, firewire, seagate, archos, cms

graphics cards: ati, radeon, all in wonder, nvidia, geforce fx

monitors: flat panel, viewsonic, nec, samsung, philips, benq

cases: chenbro, cooler master, thermaltake, chieftec

digital cameras: canon, sony, olympus, nikon, fuji, minolta

pdas: palm, sony, handspring, hewlett packard, compaq

tom's low price finder

Generation Change: Eight Motherboards For The Athlon 64

[More Releases in Columns](#)

Business Reports

February 19, 2004

IDF Spring 2004: Day 2
IDF Spring 2004: Day 1
LinuxWorld 2004: Linux Innocence Lost
CES 2004: Behind the Glamour
CES 2004: Blowing Bubbles
[More Releases in Business Reports](#)

Mass Storage

February 17, 2004

Backup Master: Western Digital Media Center
A Sturdy Companion: Olixir Mobile Data Vault 3DX
Hitting 100 GB per Platter: Seagate ST3200822A
WinFS: Microsoft's Data Management Vision
[More Releases in Mass Storage](#)

Graphics Cards

February 16, 2004

Dual Display Gaming Bigs Up
Review: Integrated VGA & How Good Is ATI's Radeon 9100 IGP?
Review: VGA Charts Part III
A New Graphics Kid on the Block: XGI Volari
[More Releases in Graphics Cards](#)

Processors

February 12, 2004

Gigabyte's 3D Cooler Pro
Intel's New Weapon: Pentium 4 Prescott
Revving up in the New Year: AMD Athlon64 3400+ versus Intel's P4 3.2 GHz
5 GHz Project: CPU Cooling With Liquid Nitrogen
[More Releases in Processors](#)

Peripherals & Consumer Electronics

January 14, 2004

Home Broadcast Studio: Multimedia Network Players
Review: THG 2003 Holiday Buyers Guide
Review: Logitech's Professional Video Conferencing for Less Than \$130
Review: Tis The Inkjet Multi-Function Printer Season
[More Releases in Peripherals & Consumer Electronics](#)

Employees still swapping files at work

March 3, 2004

Earthlink to test sender authentication

PARC wants to make networks smarter, easier

TRENDnet announces wired, 11g ASDL routers

Scottish schools ban camera phones

New video game uses voice technology

10th variant of Bagle worm hits the net

IBM open source Java proposal puzzles Sun official

Intel to launch Wi-Fi computer-TV

SCO sues Daimler Chrysler

Virus writers declare war on each other

Playstation 2 passes 25 million sales mark in North America

Go Daddy fights VeriSign with money and missive

Court nixes FCC rules on line-sharing, state regulation

MSI to launch ATI-based graphics cards in April

Acer to unveil two new notebooks in June

Dell's new servers have clear orders: Tackle HP and IBM

EU may force change in Microsoft Windows

SCO sues AutoZone over use of Linux

EU approves joint Toshiba-Samsung venture

March 2, 2004

Microsoft readies another cut-rate Windows bundle

IBM supercomputer to analyze big bang

Sony confirms PS2 to PS2 connectivity rumors

AMD's and Intel's End-of-Year CPU Buyer's Guide

NVIDIA Puts Its (New) Cards on the Table

LCD Roundup V: 17" LCDs Panels Compared

High-End PC Speakers Reviewed: It Just Doesn't Get Any More Complete Than This

Affordable and Reliable 80 and 160 GB Hard Drives

ProblemSolver: One Internet Connection - Two Private LANs

A New Notebook Hosts the Athlon64's Mobile Coming Out Party

Pinnacle ShowCenter: Symbiosis Between PC And Hi-Fi Device

THG Conference Review: Making Hardware Pay in 2004

2003 Winter Case Review Part 1: MicroATX Case Madness

Feedback

Layout!

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Hard Newsletter

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