Dell Desktops

Dell Dimension, Dell OptiPlex and Dell Precision | Can you tell the difference?

Why three desktop brands?

Dell™ Dimension™ desktops make the latest and greatest desktop technology customisable and affordable for the home and small business user, with systems designed for the most basic PC needs through to power hungry applications.

Dell OptiPlex™ desktops are designed with businesses in mind. Businesses purchasing multiple units want desktops that deliver platform stability, reliability and easy management with high levels of service and support.

Dell Precision™ workstations provide maximum performance for intensive data or graphics work. Flexible, scalable systems and Independent Software Vendor certifications are a must to meet business-critical requirements.

Dell Dimension Desktops offer consumer and small business owners a perfect balance between performance and value

- **The highest performance at a great price**
- **Packed with today's latest technologies, with room to expand for tomorrow's computing demands**
- **Fast technology transitions, commitment to bringing the latest leading edge technologies to market first**
- **Wide range of solutions for home/business use:**
  - **Video editing**
  - **Digital imaging**
  - **Broadband connectivity**
- **Wide range of home/business software including:**
  - **Microsoft® Works 7.0**
  - **Norton Internet Security 2004 or McAfee Security Centre**
  - **Microsoft® Office 2003 Basic, Small Business or Professional**

Dell OptiPlex Desktops offer balanced of performance with lowest Total Cost of Ownership

- **Highly manageable, easy-to-network desktops for corporate and institutional networks**
- **Platform stability with a minimum lifecycle of 15 months**
- **Image compatibility between chassis types**
- **Managed product introductions and transitions for lower TCO (Total Cost of Ownership)**
- **Configuration flexibility to suit all types of users within the corporate and institutional environment**
- **Custom Software and Hardware solutions via Custom Factory Integration**
- **High levels of service and support as standard, with optional upgrades**
- **Global support with global standard platforms**
- **OpenManage™ remote management software optional**

Now including:

- **PCI Express; DDR2 shared memory; Serial ATA HDDs; latest Intel integrated graphics; legacy Interface support**

Dell Precision Workstations offer the most powerful, expandable and scalable systems

- **The most advanced Intel architecture for ultimate performance, such as Intel Extreme Edition and Intel EM64T enabled processors and workstation class chipsets**
- **ISV-certified systems optimised for data/graphics-intensive applications – from 2D graphics, 3D CAD, CAE and DCC to scientific analysis and software development**
- **Dual-processor capability for maximum scalability and maximum performance in multi-threaded environments**
- **A wide selection of graphics cards including accelerated OpenGL to meet the demands of almost every professional task**
- **Integrated SCSI (on Dell Precision 670) and SATA RAID support for the fastest file loading and storing**
- **Multi-monitor capability for flexible data viewing**
- **OpenManage remote management software as standard**

Mobility/High Control	Value	Mainstream	Performance

Dell Dimension family

Dell OptiPlex SX280

Dell OptiPlex family

Dell Precision family

Mobility/High Control

Dell OptiPlex SX280 –

Great for organisations with space constraints with virtual 'all in one' space savings – ideal for mounting under a desk or on a wall

Features
Intel® Pentium® 4 processors
with HT technology
Intel Celeron® D processors (from Autumn 2004)
Microsoft® Windows® XP Professional SP1[1]
Microsoft Windows XP Home Edition SP1[1]
Microsoft Windows 2000 Professional SP4
(with XP licence)
Up to 2GB of Dual Channel DDR2 SDRAM
Embedded Intel GMA900 graphics[2]
Desktop SATA HDD up to 250GB
Ultra Small Form Factor, no PCI or AGP

Key differentiators from Dimension
3 years' Next Business Day[3] on-site warranty
as standard
Optional Gold Technical Support
15-month minimum lifespan
OpenManage™ remote management software
as standard
Ability to integrate custom hardware/software
at the factory
Ultra small form factor

Dell Precision M60 –

Desktop performance – Ideal for intensive 2D and 3D applications while you're on the go

Features
Intel Pentium M processors
Microsoft Windows XP Professional SP1[1]
Microsoft Windows 2000 Professional SP4
(with XP licence)
Up to 2GB DDR SDRAM memory
Up to 100GB internal storage. 4X AGP
128MB OpenGL Accelerated graphics

Key differentiators from Dimension
3 years' Next Business Day[3] on-site warranty
as standard
Optional Gold Technical Support
ISV software certified for performance and reliability
Accelerated Open GL graphics
OpenManage remote management software
as standard
Ability to integrate custom hardware/software
at the factory
Notebook form factor

Dell Precision M60

Value

Dell Dimension 2400 –

Perform basic computing tasks with ease.

Features
Intel Pentium 4 processors
Intel Celeron processors
Microsoft Windows XP Home Edition SP1[1]
Microsoft Windows XP Professional SP1[1]
Up to 2GB of shared DDR SDRAM
Up to 160GB HDD. Integrated Ethernet and 6 USB 2.0 ports

Dell Dimension 3000 –

An entry-level PC with a balance of price and performance for productivity use and basic multimedia functionality.

Features
Intel Pentium 4 processors
Intel Celeron D processors
Microsoft Windows XP Home Edition SP1[1]
Microsoft Windows XP Professional SP1[1]
Up to 2GB of shared DDR SDRAM
Up to 160GB HDD, integrated ethernet and 6 USB 2.0 ports

Dell OptiPlex 170L –

Value Business PCs for Customers Focused on Acquisition Price

Features:
Intel Pentium 4 processors with HT technology
Intel Celeron processors
Microsoft Windows XP Home Edition SP1[1]
Microsoft Windows XP Professional SP1[1]
Microsoft Windows 2000 Professional SP4
(with XP licence)
Up to 2GB of shared DDR SDRAM
Up to 120GB SATA HDD with the latest in SMART technology
Integrated 10/100 Ethernet and 6 USB 2.0 ports
MicroTower Chassis (3 PCI, 3 external bays, 2 internal bays, integrated graphics)
1 yr NBD on-site warranty standard

Dell OptiPlex GX60 –

Ideal for basic office applications and simple-task-oriented users

Features
Intel Celeron processors
Microsoft Windows XP Professional SP1[1]
Microsoft Windows XP Home Edition SP1[1]
Microsoft Windows 2000 Professional SP4
(with XP licence)
Up to 2GB shared DDR SDRAM
Embedded Intel Extreme Graphics[2]
Choice of 3 chassis with up to 4 PCI slots

Key OptiPlex GX/SX differentiators from Dimension
3 years' Next Business Day[3] on-site warranty
as standard
Optional Gold Technical Support
15-month minimum lifespan

Key OptiPlex differentiators (all)
OpenManage remote management software
as standard
Ability to integrate custom hardware/software
at the factory

Dell OptiPlex 170L

Dell Dimension 2400

Mainstream

Dell Dimension 4700 –

An intelligent approach to owning the latest mainstream Intel technology

Features
Intel Pentium 4 processors with HT Technology
Microsoft Windows XP Professional SP1[1]
Microsoft Windows XP Home Edition SP1[1]
Up to 4096MB Dual Channel PC-3200 DDR2 at 400MHz
Integrated NIC and 8 USB 2.0 ports
Integrated Intel Graphics Media Accelerator (GMA) 900
Choice of PCI-Express video cards and PCI soundcards

Dell OptiPlex GX280 –

Perfect for diverse computing environments with greater scalability and manageability

Features
Intel Pentium 4 processors
with HT technology
Intel Celeron® D processors (from Autumn 2004)
Microsoft Windows XP Professional SP1[1]
Microsoft Windows XP Home Edition SP1[1]
Choice of 3 chassis with PCI Express x16 graphics,
x1 serial bus and up to 3 PCI slot
Up to 4GB shared Dual Channel DDR2 SDRAM[4]
Embedded Intel GMA900 graphics.
Optional PCI Express graphics[2]
Broadcom Gigabit Ethernet
Choice of 3 chassis with PCI Express x16 graphics,
x1 serial bus and up to 3 PCI slots

Key differentiators from Dimension
3 years' Next Business Day[3] on-site warranty
as standard
Optional Gold Technical Support
15-month minimum lifecycle
OpenManage remote management software
as standard
Ability to integrate custom hardware/software
at the factory

Dell Precision 370 –

Great for compute and graphics intensive uni-processor Workstation applications

Features
Intel Pentium 4 processors with HT & EM64T technologies
Microsoft Windows XP Professional SP1[1]
Microsoft Windows 2000 Professional SP4
(with XP licence)
Up to 4GB dual channel DDR2 SDRAM memory
Up to 1.2TB SATA internal storage

Key differentiators from Dimension
3 years' Next Business Day[3] on-site warranty
as standard
Optional Gold Technical Support
ISV software certified for performance and reliability
Dual-channel ECC memory
Gigabit Ethernet
SCSI support
OpenManage remote management software
as standard
Ability to integrate custom hardware/software
at the factory

Dell OptiPlex GX60 and GX280

Performance

Dell Dimension 8400 –

Cutting Edge Technology

Features
Intel Pentium 4 processors with HT Technology
Latest Intel Pentium 4 processors with
Hyper-Threading technology
Microsoft Windows XP Home Edition SP1[1]
UP to 4096MB Dual Channel PC-4200 DDR2 at 533MHz
Up to 800GB SATA RAID with Intel Matrix
Storage Technology
Integrated Gigabit network controller, RAID controller
and Dolby 5.1 audio
Latest PCI-Express Video cards

Dell Dimension XPS –

The Ultimate Gaming Experience

Features
Intel Pentium 4 processors with HT Technology
Latest Intel Pentium 4 processors with
Hyper-Threading technology
Microsoft Windows XP Home Edition SP1[1]
UP to 4096MB Dual Channel PC-4200 DDR2 at 533MHz
Up to 800GB SATA RAID with Intel Matrix
Storage Technology
Integrated Gigabit network controller, RAID controller
and Dolby 5.1 audio
Latest PCI-Express Video cards

Dell Precision 670 –

The ultimate powerhouse for advanced engineering and 3D graphics, heavy technical computing and I/O-intensive applications

Features
Intel Xeon™ processors with EM64T
Microsoft Windows XP Professional SP1[1]
Microsoft Windows 2000 Professional SP4
(with XP licence)
Up to 4GB dual-channel DDR2 SDRAM memory
Up to 584GB U320 SCSI internal storage
Integrated SCSI and SATA RAID support
150W capable PCI Express x16 graphics slot

Key differentiators from Dimension
ISV software certified for performance and reliability
Multiple I/O buses including PCI Express, 64bit 100MHz
PCI-X and 32 bit PCI
Dual I/O buses PCI & PCI-X
3 years' Next Business Day[3] on-site warranty as standard
Optional Gold Technical Support
SCSI, RAID and 1394
Integrated PCIx (100MHz) Gigabit Ethernet
OpenManage remote management software as standard
Ability to integrate custom hardware/software
at the factory

Dell Precision 470 –

The choice for financial services, compute clusters and space-constrained workstation environments

Features
Intel Xeon™ processors with EM64T
Microsoft Windows XP Professional SP1[1]
Microsoft Windows 2000 Professional SP4
(with XP licence)
Up to 16GB dual channel DDR2 SDRAM memory
Up to 438GB U320 SCSI and up to 800GB SATA internal
storage capacity
Optional SCSI and RAID
150W capable PCI Express x16 graphics slot

Key differentiators from Dimension
Dual processor capability
SCSI and RAID Storage
Multiple I/O buses including PCI Express, 64bit 100MHz
PCI-X and 32 bit PCI
3 years' Next Business Day[3] on-site warranty as
standard
Optional Gold Technical Support
ISV certifications
Integrated PCIx (100MHz) Gigabit Ethernet
OpenManage remote management software as standard
Ability to integrate custom hardware/software
at the factory

1. Microsoft® Windows® XP Professional and Microsoft Windows XP Home SP2 will begin rollout from September 2004 to the end of the year.

2. Up to 128MB of system memory may be allocated to support graphics, depending on system memory size and other factors.

4. SF Chassis supports up to 2GB of memory.