Select Components

1. COMPONENTS	▶	2. SERVICES & SUPPORT	3. ACCESSORIES	4. REVIEW SUMMARY

Dell Precision 690

~~From $3,491~~
Now from
$3,291
Lease for as low as **$88/mo.** (48 pmts) *

Afford the latest technology with QuickLease! Get More Details

$ Discount Details
Preliminary Ship Date: **8/17/2006** *
Print Summary

FREE Flat Panel Upgrade
With purchase of select desktops. Limited time offer.
More Details

FREE 3-5 Day Shipping & Handling
With ALL Desktops and Workstations! Limited time offer.
More Details

Adobe Production Studio Standard only $799
Save $400 OFF MSRP when added to select Dell Precision™ workstations! Limited time offer.
More Details

 E-Value Code: 6W463 - 690750w64min

BASE SYSTEM OPTIONS

Dell Precision Workstation 690 (750w - 64bit)
Dual-Core Intel#174 Xeon#174 Processors for the ULTIMATE PERFORMANCE and SCALABILITY

Dual Core Intel® Xeon® Processor 5150 2.66GHz, 4MB L2,1333 ▲

? Help Me Choose

○ Dual Core Intel® Xeon® Processor 5080 3.73GHz, 2 X 2MB L2,1066 [add $410]
○ Dual Core Intel® Xeon® Processor 5060 3.20GHz, 2 X 2MB L2,1066 [subtract $390]
○ Dual Core Intel® Xeon® Processor 5050 3.00GHz, 2 X 2MB L2, 667 [subtract $520]
○ Dual Core Intel® Xeon® Processor 5160 3.00GHz, 4MB L2,1333 [add $410]
● Dual Core Intel® Xeon® Processor 5150 2.66GHz, 4MB L2,1333 [Included in Price]
○ Dual Core Intel® Xeon® Processor 5140 2.33GHz, 4MB L2,1333 [subtract $260]
○ Dual Core Intel® Xeon® Processor 5130 2.00GHz, 4MB L2,1333 [subtract $390]
○ Dual Core Intel® Xeon® Processor 5120 1.86GHz, 4MB L2,1066 [subtract $460]
○ Dual Core Intel® Xeon® Processor 5110 1.60GHz, 4MB L2,1066 [subtract $520]

2nd Processor

Dual Core Intel® Xeon® Processor 5150 2.66GHz, 4MB L2,1333 ▲

○ None [subtract $869]
○ Dual Core Intel® Xeon® Processor 5080 3.73GHz, 2 X 2MB L2,1066 [add $410]
○ Dual Core Intel® Xeon® Processor 5060 3.20GHz, 2 X 2MB L2,1066 [subtract $390]
○ Dual Core Intel® Xeon® Processor 5050 3.00GHz, 2 X 2MB L2, 667 [subtract $520]
○ Dual Core Intel® Xeon® Processor 5160 3.00GHz, 4MB L2,1333 [add $410]
● Dual Core Intel® Xeon® Processor 5150 2.66GHz, 4MB L2,1333 [Included in Price]
○ Dual Core Intel® Xeon® Processor 5140 2.33GHz, 4MB L2,1333 [subtract $260]
○ Dual Core Intel® Xeon® Processor 5130 2.00GHz, 4MB L2,1333 [subtract $390]
○ Dual Core Intel® Xeon® Processor 5120 1.86GHz, 4MB L2,1066 [subtract $460]
○ Dual Core Intel® Xeon® Processor 5110 1.60GHz, 4MB L2,1066 [subtract $520]

Operating System
IMPORTANT: some applications and peripherals are not compatible with a 64-bit operating system. Be sure to verify compatibility with all application and peripheral vendors prior to purchasing a Dell Precision Workstation with a 64-bit operating system

Genuine Windows® XP Professional, x64 Edition with Media ▲

❓ Help Me Choose

○ Genuine Windows® XP Professional, x64 Edition, No Media add $0
◉ Genuine Windows® XP Professional, x64 Edition with Media [Included in Price]

Graphic Cards

Please match the Monitor Video Input Connector Type to the Graphics Card Display Interface (DVI / VGA). See Help Me Choose.Dell recommends DVI capable card for usage with Dell UltraShar™ Flat Panel Monitors.

128MB PCIe x16 nVidia Quadro FX550, Dual VGA or Dual DVI or DVI + VGA   ▲

❓ Help Me Choose

○ 512MB PCIe x16 nVidia Quadro FX 4500, Dual DVI or Dual VGA or DVI + VGA [add $1,379]
○ 256MB PCIe x16 nVidia Quadro FX 3500, Dual DVI or Dual VGA or DVI + VGA [add $754]
   May delay your Dell Precision 690 ship date
○ 256MB PCIe x16 nVidia Quadro FX 3450, Dual DVI or Dual VGA or DVI + VGA [add $454]
○ 256MB PCIe x16 ATI FireGL V7200, Dual DVI or Dual VGA or DVI + VGA [add $654]
◉ 128MB PCIe x16 nVidia Quadro FX550, Dual VGA or Dual DVI or DVI + VGA [Included in Price]
○ 128MB PCIe x16 ATI FireGL V3400, Dual DVI or Dual VGA or DVI + VGA add $0
○ 128MB PCIe x16 nVidia Quadro NVS 285, Dual DVI or Dual VGA Capable [subtract $61]
○ 128MB PCIe x16 nVidia Quadro NVS 285, Dual VGA Capable [subtract $71]

Additional PCI-E Network Adapter card

System comes with an Integrated Broadcom Gigabit Ethernet Controller. This option provides a second Gigabit Ethernet Controller.

Broadcom NetXtreme 10/100/1000 Gigabit Ethernet controller-PCI Express card   ▲

○ None [subtract $49]
◉ Broadcom NetXtreme 10/100/1000 Gigabit Ethernet controller-PCI Express card [Included in Price]

Intel Hyper-Threading

Intel Hyper-Threading NOTE: Hyper-Threading is available with the 5000 Sequence processors only and may increase the performance of some applications. This feature is ONLY supported in Windows XP and can be enabled or disabled in the system BIOS at any time. The below option presets Hyper-Threading to ON. Consult the Learn More or the Find Your Workstation tool for more information

Select options below   ▲

❓ Help Me Choose

◉ None
○ Hyper-Threading feature preset to ON. Can be disabled/enabled in BIOS. add $0

Memory

The Dell Precision 690 has a quad memory bus architecture, Dell recommends that all four memory channels be populated with DIMMs for maximum performance.

1GB, DDR2 SDRAM FBD Memory, 533MHz, ECC (2 DIMMS)   ▲

Help Me Choose

○ 32GB, DDR2 SDRAM FBD Memory, 533MHz, ECC (8 DIMMS) [add $26,670]
○ 16GB, DDR2 SDRAM FBD Memory, 533MHz, ECC (4 DIMMS) [add $14,670]
○ 16GB, DDR2 SDRAM FBD Memory, 533MHz, ECC (8 DIMMS) [add $2,820]
   May delay your Dell Precision 690 ship date
○ 8GB, DDR2 SDRAM FBD Memory, 533MHz, ECC (2 DIMMS) [add $7,070]
○ 8GB, DDR2 SDRAM FBD Memory, 533MHz, ECC (4 DIMMS) [add $1,320]
   May delay your Dell Precision 690 ship date
○ 8GB, DDR2 SDRAM FBD Memory, 533MHz, ECC (8 DIMMS) [add $1,370]
○ 4GB, DDR2 SDRAM FBD Memory, 533MHz, ECC (4 DIMMS) [add $570]
○ 4GB, DDR2 SDRAM FBD Memory, 533MHz, ECC (8 DIMMS) [add $770]
○ 2GB, DDR2 SDRAM FBD Memory, 533MHz, ECC (2 DIMMS) [add $155]
○ 2GB, DDR2 SDRAM FBD Memory, 533MHz, ECC (4 DIMMS) [add $214]
◉ 1GB, DDR2 SDRAM FBD Memory, 533MHz, ECC (2 DIMMS) [Included in Price]
○ 32GB, DDR2 SDRAM FBD Memory, 667MHz, ECC (8 DIMMS) [add $29,370]
○ 16GB, DDR2 SDRAM FBD Memory, 667MHz, ECC (4 DIMMS) [add $16,170]
○ 16GB, DDR2 SDRAM FBD Memory, 667MHz, ECC (8 DIMMS) [add $2,970]
   May delay your Dell Precision 690 ship date
○ 8GB, DDR2 SDRAM FBD Memory, 667MHz, ECC (2 DIMMS) [add $7,810]
○ 8GB, DDR2 SDRAM FBD Memory, 667MHz, ECC (8 DIMMS) [add $1,470]
   May delay your Dell Precision 690 ship date
○ 4GB, DDR2 SDRAM FBD Memory, 667MHz, ECC (4 DIMMS) [add $870]
   May delay your Dell Precision 690 ship date
○ 4GB, DDR2 SDRAM FBD Memory, 667MHz, ECC (8 DIMMS) [add $1,020]
   May delay your Dell Precision 690 ship date
○ 2GB, DDR2 SDRAM FBD Memory, 667MHz, ECC (2 DIMMS) [add $200]
   May delay your Dell Precision 690 ship date
○ 2GB, DDR2 SDRAM FBD Memory, 667MHz, ECC (4 DIMMS) [add $260]
   May delay your Dell Precision 690 ship date
○ 1GB, DDR2 SDRAM FBD Memory, 667MHz, ECC (2 DIMMS) [add $40]
   May delay your Dell Precision 690 ship date

STORAGE AND DRIVES

Hard Drive Configuration
Note: All Systems include embedded SATA and SAS (Serial attached SCSI) RAID capability. RAID 0 requires at least 2 drives, RAID 1 requires 2 or 4 drives, RAID 5 requires at least 3 drives, and RAID 10 requires at least 4 drives.

C1 All SATA drives, Non-RAID, 1 or 2 drive total configuration

Help Me Choose

◉ C1 All SATA drives, Non-RAID, 1 or 2 drive total configuration [Included in Price]
○ C2 All SATA drives, Non-RAID, 3 drive total configuration add $0
○ C3 All SATA drives, Non-RAID, 4 drive total configuration add $0
○ C4 All SATA drives, RAID 0, 2 drive total configuration add $0
○ C5 All SATA drives, RAID 1, 2 drive total configuration add $0
○ C6 All SAS drives, Non-RAID, 1 drive total configuration add $0
○ C7 All SAS drives, Non-RAID, 2 drive total configuration add $0
○ C8 All SAS drives, Non-RAID, 3 drive total configuration add $0
○ C9 All SAS drives, Non-RAID, 4 drive total configuration add $0
○ C10 All SAS drives, RAID 0, 2 drive total configuration add $0
○ C11 All SAS drives, RAID 1, dual, 2 drive total configuration add $0

Hard Drive Internal Controller Option
- The PERC 5/i SAS card supports RAID 0,1,5 and 10 configurations with internal SAS drives only.
- When ordering a PERC 5/i SAS card, a floppy drive must also be selected.

SATA/SAS Integrated Card - For Connecting Internal Hard Drives

Help Me Choose

◉ SATA/SAS Integrated Card - For Connecting Internal Hard Drives [Included in Price]
○ PERC 5/i SAS RAID Card - For Connecting Internal Hard Drives [add $599]

Boot Hard Drive

- For hard drives, GB means 1 billion bytes, total accessible capacity varies depending on operating environment.
- Mixing of SATA/SAS Hard Drives is allowed, but the 1st Hard drive or Boot Hard drive must be SATA..
- When ordering SAS Hard drives, please select a SAS controller.
- When ordering RAID, all hard drives in the RAIDset (excluding SAS RAID10) must be exactly the same capacity, speed, and type.

250GB SATA 3.0Gb/s,7200 RPM Hard Drive with 8MB DataBurst Cache™   ▲

🔵 Help Me Choose

- ⚪ 160GB SATA, 10K RPM Hard Drive with 16MB DataBurst Cache™ [add $140]
- ⚪ 80GB SATA, 10K RPM Hard Drive with 16MB DataBurst Cache™ [add $60]
- ⚪ 750GB SATA 3.0Gb/s,7200 RPM Hard Drive with 16MB DataBurst Cache™ [add $410]
- ⚪ 500GB SATA 3.0Gb/s,7200 RPM Hard Drive with 16MB DataBurst Cache™ [add $310]
- 🔘 250GB SATA 3.0Gb/s,7200 RPM Hard Drive with 8MB DataBurst Cache™ [Included in Price]
- ⚪ 160GB SATA 3.0Gb/s,7200 RPM Hard Drive with 8MB DataBurst Cache™ [subtract $40]
- ⚪ 80GB SATA 3.0Gb/s,7200 RPM Hard Drive with 8MB DataBurst Cache™ [subtract $90]
- ⚪ 300GB SAS Hard Drive 1 inch (10,000 rpm) [add $460]
- ⚪ 146GB SAS Hard Drive, 1 inch (15,000 rpm) [add $460]
- ⚪ 146GB SAS Hard Drive, 1 inch (10,000 rpm) [add $260]
- ⚪ 73GB SAS Hard Drive, 1 inch (15,000 rpm) [add $210]
- ⚪ 73GB SAS Hard Drive, 1 inch (10,000 rpm) [add $90]
- ⚪ 36GB SAS Hard Drive, 1 inch (15,000 rpm) [add $60]

2nd Hard Drive

Click here to select options for 2nd Hard Drive   ▼

3rd Hard Drive

Click here to select options for 3rd Hard Drive   ▼

4th Hard Drive

Click here to select options for 4th Hard Drive   ▼

5th Hard Drive

- In configurations with 5 hard drives, up to two optical drives can be ordered with one floppy drive or media drive.

Click here to select options for 5th Hard Drive   ▼

CD-ROM, DVD, and Read-Write Devices

Single Drive Configuration

Dual Drive Configuration

Please note that the word 'AND' in the description indicates two separate optical drives.

16X DVD+/-RW w/ Cyberlink PowerDVD™ and Roxio Creator™ Dell Ed   ▲

🔵 Help Me Choose

- ⚪ 48XCDRW AND 16XDVD+/-RW, w/Cyberlink PowerDVD™ and Roxio Creator™ [add $15]
- ⚪ 16XDVD AND 16XDVD+/-RW, w/ Cyberlink PowerDVD™ and Roxio Creator™ [add $15]
- 🔘 16X DVD+/-RW w/ Cyberlink PowerDVD™ and Roxio Creator™ Dell Ed [Included in Price]
- ⚪ 16X DVD-ROM AND 48X/32X CD-RW with Cyberlink Power DVD™ add $0
- ⚪ 16X DVD-ROM with Cyberlink Power DVD™ [subtract $45]
- ⚪ 48XCD AND 48X CD-RW/DVD Combo with Cyberlink Power DVD™ [add $20]
- ⚪ 48X CD-ROM AND 48X/32X CD-RW add $0
- ⚪ 48X/32X CD-RW/DVD Combo Drive with Cyberlink Power DVD™ [subtract $20]
- ⚪ 48X/32X CD-RW [subtract $35]
- ⚪ 48X CD-ROM [subtract $79]

Floppy Drive and Media Card Reader Options

No Floppy Drive ▼

USB Memory Key

Store up to 512 MB

Click here to select options for USB Memory Key ▼

Additional Storage and Backup

More storage capacity for all your files. Check out our external hard drives for fast and easy storage. These products are shipped separately.

Select options below ▲

❓ Help Me Choose

◉ None

◯ Western Digital 500 GB 7200 RPM USB 2.0/FireWire 400
Premium [add ~~$280~~ $238] Product details
Save 15% on select items through the Small Business division Discount Details

◯ LaCie 40 GB 5400 RPM USB 2.0, up to 480 Mbps [add ~~$95~~ $81] Product details
May ship after your Dell Precision 690
Save 15% on select items through the Small Business division Discount Details

◯ Buffalo Tech 1 TB Terabyte NAS, 4 port USB 2.0, Gig Ethernet [add ~~$786~~ $668] Product details
Save 15% on select items through the Small Business division Discount Details

MONITORS AND MULTI-MEDIA

Monitors

CRT Monitor

Flat Panel Display

Note:All UltraSharpTM flat panels are compatible with the AS500 speaker. All Entry Flat Panels may be ordered with AS500PA. See the Details tab in the Speakers "Help Me Choose" section for images.

No Monitor Option ▲

❓ Help Me Choose

◯ Dell 24 inch UltraSharp™ 2407FP Widescreen, adjustable stand, VGA/DVI [add $879]
◯ Dell 20 inch UltraSharp™ 2007FP Widescreen, adjustable stand, VGA/DVI [add $459]
◯ Dell 20 inch UltraSharp™ 2007FP Flat Panel, adjustable stand, VGA/DVI [add $489]
◯ Free Upgrade! From E773 CRT to 19 inch UltraSharp™ 1907FP Flat Panel [add $149]
◯ Dell 17 inch UltraSharp™ 1707FP Flat Panel, adjustable stand, VGA/DVI [add $239]
◯ Dell 19 inch E196 Flat Panel, Analog [add $239]
◯ Dell 17 inch E177FP Flat Panel, Analog [add $199]
◯ Dell 17 inch M783 (16 inch viewable) Flat CRT [add $169]
◯ Dell 17 inch E773 (16 inch viewable) Conventional CRT [add $149]
◉ No Monitor Option [Included in Price]

2nd Monitor

Click here to select options for 2nd Monitor ▼

Sound Card

This system comes equipped with Integrated HD Audio.

Click here to select options for Sound Card ▼

Speakers

If you selected the Sound Blaster® X-Fi ™ sound card, you cannot select the internal speaker.
Note: All UltraSharpTM flat panels are compatible with the AS500 speaker. All Entry Flat Panels may be ordered with AS500PA. See the Details tab in the Speakers "Help Me Choose" section for images.

Internal Chassis Speaker,Dell ▲

❓ Help Me Choose

○ Dell A525 30 Watt 2.1 three piece Stereo Speakers with Subwoofer [add $54]
○ Dell A225 Two Piece Stereo System [add $14]
◉ Internal Chassis Speaker,Dell [Included in Price]
○ Dell AS501 Sound Bar for all UltraSharp Flat Panel Displays [add $24]
○ No Speaker option [subtract $5]

3-D MOTION CONTROLLERS

Digital Media Creation

Select options below   ▲

☐ Wacom Intuos 6x11 Graphic Tablet [$317] Product details
☐ 3DConnexion SpacePilot Intelligent Motion Controller [$420] Product details

Digital Content Creation Software - Shipped Separa

Select options below   ▲

❓ Help Me Choose

☐ Avid Express DV - Dell Only [$295] Product details
    May ship after your Dell Precision 690
☐ Avid Technology Avid Liquid 7 [$296] Product details
    May ship after your Dell Precision 690
☐ Adobe Production Studio Standard w/ Photoshop CS2 [$799] Product details

NETWORKING AND INTERNET OPTIONS

Wireless Broadband Router

Select options below   ▲

☐ Netgear WGR614 Cable/DSL Wireless Router [$50 $43] Product details
    Save 15% on select items through the Small Business division Discount Details

☐ Netgear 54 Mbps Firewl Wireless Router & McAfee Wireless Security
    SW [$90 $77] Product details
    Save 15% on select items through the Small Business division Discount Details

☐ Netgear WPN824 RangeMax Wireless Router [$100 $85] Product details
    Save 15% on select items through the Small Business division Discount Details

☐ Linksys Firewall Wireless Broadband Router w/Srx200 - MIMO [$110 $94] Product details
    Save 15% on select items through the Small Business division Discount Details

Modem

Click here to select options for Modem   ▼

OTHER OPTIONS

Keyboard

Dell USB Enhanced Multimedia Keyboard with built-in 2-port USB Hub   ▲

❓ Help Me Choose

○ USB Entry Quietkey, No Hot Keys [subtract $29]
◉ Dell USB Enhanced Multimedia Keyboard with built-in 2-port USB Hub [Included in Price]
○ Smartcard Reader Keyboard, USB [add $20]
○ No Keyboard Option [subtract $29]

Mouse

Dell USB 2-Button Mechanical Mouse with Scroll   ▲

Help Me Choose

○ Dell USB 2-Button Optical Mouse with Scroll [add $14]
◉ Dell USB 2-Button Mechanical Mouse with Scroll [Included in Price]
○ No Mouse Option add $0

Mouse Pad

Click here to select options for Mouse Pad

Resource CD

Resource CD - contains Diagnostics and Drivers

Quick Reference Guide

Click here to select options for Quick Reference Guide

Great Deals on Dell Printers

Get a Dell All-In-One 924 Printer for Only $39
With purchase of any new PC! Limited time offer.   **Offer Details**

Save on select printers with your system purchase!

Select options below

Help Me Choose

◉ None

☐ ○ Dell 924 Photo All-In-One Inkjet [add ~~$89~~ $39]
   Dell 924 Photo All-in-One Printer Now Only $39! Discount Details

☐ ○ NEW! Dell 944 All-In-One Inkjet [add ~~$129~~ $99]
   Save $99 on the 944 printer through Dell Small Business Discount Details

☐ ○ Dell 964 All-In-One [add ~~$179~~ $109]
   Dell 964 Photo All-in-One Printer Now Only $109! Discount Details

☐ ○ NEW! Dell 1110 Laser Printer [add ~~$99~~ $79]
   Dell Recommends
   May ship after your Dell Precision 690
   Dell™ 1110 Laser Printer Now only $79! Discount Details

☐ ○ SPECIAL PRICING WITH SYSTEM PURCHASE Dell 1710N Laser Printer [add $179]

Purchase Intent

Purchase is not intended for resale.

Dell Training and Certification

Click here to select options for Dell Training and Certification

Also included in this system

To modify these selections, choose the Continue button to proceed to the next page.

· No Onsite System Setup
· 3 Year On-site Economy Plan

The following options are default selections included with your order

· Precision 690 750w 64Bit
· None
· No Onsite System Setup

Continue

Preliminary Ship Date: **8/17/2006***

1. COMPONENTS	2. SERVICES & SUPPORT	3. ACCESSORIES	4. REVIEW SUMMARY

Software purchased along with your computer may differ from the retail version.
You can get a copy of our limited warranties and guarantees by writing Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682.
To purchase warranty only or for information on other service options please call 1-800-915-3355 or visit www.dell.com/warranty.
Please note that this Microsoft software product may use technological measures for copy protection. In such event, you will not be able to use the product if you do not comply with the product activation or reactivation procedures, which may be completed by Internet or telephone (toll charges may apply).
Service may be provided by third-party. Technician will be dispatched if necessary following phone-based troubleshooting. Subject to parts availability, geographical restrictions and terms of service contract. Service timing dependent upon time of day call placed to Dell. U.S. only. CompleteCare service excludes theft, loss, and damage due to fire, flood or other acts of nature, or intentional damage. CompleteCare not available in all states. Customer may be required to return unit to Dell. For complete details, visit www.dell.com/servicecontracts/.
Configuration, pricing, and monthly payment information above is estimated and presented for your convenience only. All pricing, shipping and monthly payment information is subject to change without notice. Final order specifications and amounts, including tax and shipping, will be communicated following receipt of your online order. Dell will not be responsible for typographical or other errors or omissions regarding prices or other information. Products displayed are available to US customers who take delivery in the 50 United States. All sales are subject to Dell's Term and Conditions of Sale.
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