DELL™ Professional
P170S & P190S MONITORS

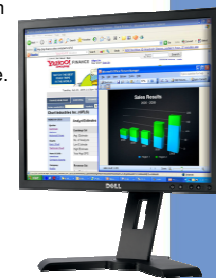## GREAT PERFORMANCE AND EXCELLENT COMFORT FOR OFFICE PRODUCTIVITY

Enjoy the excellent picture quality and clarity of Dell ™ P170S & P190S monitors with 1280 x 1024 resolution delivering a spacious content area to help increase user productivity. Coupled with 800:1 contrast ratio (typical) and 85%[1] color gamut (typical) for outstanding color detail and vivid display, these displays are perfect complements to your office environment, helping to boost productivity and efficiency in the workplace.

Dell P170S and P190S monitors are designed to deliver energy savings to your business by utilizing an efficient two CCFL backlight system. Dell P170S consumes up to 26% less typical power consumption[2] than a traditional 17" LCD monitor with a four CCFL backlight system. These Professional monitors are also ENERGY STAR ® 5.0 compliant and EPEAT Gold qualified which can help you save money and reduce impact on the environment.

The Professional P170S and P190S come with an array of video connectors to meet your various video connectivity requirements such as VGA and DVI (HDCP) which help deliver no jitter high quality digital images and excellent color uniformity.

Designed for user comfort and convenience, these monitors are packed with many adjustability features that make it easy for collaborative viewing and switching between landscape / portrait modes in an instant to help increase your productivity.

Dell Professional series monitors are backed with the Premium Panel Guarantee which provides you with a replacement monitor should even one bright defective pixel be found on the screen during the limited hardware warranty[5].
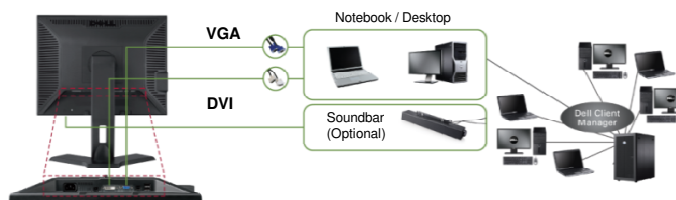
GREAT FRONT-OF-SCREEN PERFORMANCE AND CONNECTIVITY

• 1280 x 1024 maximum resolution provides spacious content area to help reduce scrolling up/down or left/righting.
• 800:1 (typical) contrast ratio delivers vivid image contrast and definition.
• 5ms (typical) fast response time helps prevent ghosting in fast motion video.
• 250cd/m^2 (typical) brightness for outstanding and clear image display.
• VGA video connector helps ensure compatibility with most computing systems and DVI-D with HDCP connectivity delivers high quality digital image and excellent color uniformity.

DESIGNED FOR COMFORT AND CONVENIENCE

• 4 easy access USB 2.0 ports for convenient plug-in of USB devices straight from your monitor.
• Excellent adjustability features such as height-adjustable, panel swivel and tilt, as well as pivot capability, are designed to enable maximum user comfort and collaborative viewing.
• Cable management feature helps organize cables to reduce desk clutter.
• Easy monitor panel detachment from stand to support wall-mount requirements (wall-mount equipment sold separately)

ASSET MANAGEMENT CAPABLE

• Supports remote asset management when used with a Dell PC in a network managed by Dell Client Manager.
• Enables remote access to EDID information like model name, PPID, year of manufacture, and status for asset tracking & monitoring across network.
• Enables remote control of brightness, contrast, power-off and restoring of various factory default settings

VGA

DVI

Notebook / Desktop

Soundbar
(Optional)

Dell Client Manager

P190S

DESIGNED FOR COMFORT AND EASE-OF-USE

• Comprehensive screen adjustability options:

1) Height Adjustment

2) Swivel (45º Left and Right)

3) Pivot

4) Tilt

• 4 USB 2.0 high speed ports for easy connection of peripheral devices such as cameras, USB keys or mouse.

Why Dell Monitors?

TECHNOLOGY LEADERSHIP
Dell constantly strives to provide the greatest and latest in display innovations, bringing relevant, customer-driven technology to you for an excellent viewing experience.

UNCOMPROMISING VALUE
Dell monitors are designed to exacting standards and manufactured by some of the world's foremost suppliers, consistently delivering outstanding performance, quality and reliability.

WORLD CLASS SERVICE & SUPPORT
Enjoy the exceptional service and support that you have come to expect from the Dell brand. We provide accountability, a single point of contact and the peace of mind of purchasing from a stable and reliable technology partner.

EPEAT GOLD
Through our commitment to help protect the environment, Dell Professional P170S & P190S are EPEAT Gold qualified. Electronic Product Environment Assessment Tool (EPEAT) is a set of performance criteria that evaluates environmental attributes for both public and private sectors.

ENERGY EFFICIENCY
As an Energy Star®-compliant partner, Dell offers flat panel monitors that are designed to reduce power requirements which can result in energy savings without sacrificing performance.

ENVIRONMENTALLY-CONSCIOUS DESIGN
Dell seeks to proactively eliminate environmentally sensitive substances from our products when there are viable alternatives and we strive to design products that are easily recyclable. The Dell Professional P170S & P190S external chassis are comprised of more than 25% post-consumer recycled plastics to reduce environmental impact.

Halogen-Reduced
As part of Dell's continuous efforts to eliminate the use of environmentally sensitive materials in our products, the Dell Professional P170S & P190S offer multiple printed circuit boards containing "halogen-free" laminates (per JPCA ES-01-1999), as well as "halogen-free" chassis plastics.

RECYCLING
Dell recommends that customers dispose of their used computer hardware, including monitors, in an environmentally sound manner. Potential methods include reuse of parts or whole products and recycling of product, components and/or materials. For more information, please visit http://dell.com/recycling_programs and www.dell.com/environment

DETAILED SPECIFICATIONS
Dell™ Professional P170S & P190S Monitors

DISPLAY	P170S	P190S
Viewable Image Size	17" diagonal	19" diagonal
Preset Display Area	Horizontal : 337.9 mm (13.3") Vertical : 270.3 mm (10.6")	Horizontal : 376.3 mm (14.8") Vertical : 301.1 mm (11.8")
Maximum Resolution	1280 x 1024	
Pixel Pitch	0.264 mm	0.294 mm
Brightness (Typical)	250cd/m²	
Color Gamut (Typical)	85% (CIE1976)[1]	
Contrast Ratio (Typical)	800:1	
Viewing Angle (Typical)	170º (horizontal) / 160º (vertical)	
Response Time (Typical)	5 ms	
Panel Type & Surface	TN, Anti-glare with hard-coat 3H	

CONNECTIVITY		
Available Connectors	VGA, DVI-D (HDCP)	
Remote Asset Management	Yes, enabled when used with Dell computers in a network managed by Dell Client Manager	

DESIGN FEATURES		
Height Adjustable	Yes (130 mm up or down)	
Swivel	Yes (45º left and right)	
Tilt	Yes (4º forward, 21º backward)	
Pivot	Yes	
VESA Mounting Support	Yes (100mm)	
USB	4 USB 2.0 Ports	
Security	Slot for security cable lock	

POWER		
AC input-voltage / frequency / current	100 to 240 VAC / 50-60 Hz + 3 Hz / 1.5 A Max.	
Power Consumption (Typical, Max)	22W, 50W	25W, 53W
Power Used in Sleep Mode	Less than 1 W	

DIMENSIONS & WEIGHT		
Physical Dimension (H x W x D) (height with stand compressed ~ extended)	332.2~ 462.2 x 372.1 x 182.3 mm 13.08" ~ 18.20" x 14.65" x 7.18"	362.6 ~ 492.6 x 410.1 x 182.0 mm 14.26" ~ 19.39" x 16.15" x 7.17"
Weight without stand assembly (For VESA mount considerations)	3.65 kg (8.03 lbs)	4.3 kg (9.46 lbs)
Weight with stand assembly and cables	5.10 kg (11.22 lbs)	6.4 kg (14.08 lbs)
Weight with Packaging	6.50 kg (14.30 lbs)	7.6 kg (16.70 lbs)

SERVICE AND WARRANTY

• 3 Years Advanced Exchange Service[3] & Limited Hardware Warranty[4]
• Premium Panel Guarantee – 100% replacement of Professional series monitors sold with systems or as standalone units purchased direct from Dell, if any bright pixel is found, valid within the limited hardware warranty[3] period, standard or extended where applicable (replacement units may be refurbished)

[1] P170S & P190S color gamut (typical) is based on CIE1976 (85%) and CIE1931 (72%) test standards
[2] Based on Dell P170S typical power consumption of 22W compared to Dell Ultrasharp 1708FP-BLK typical power consumption of 30W
[3] **Advanced Exchange Service:** Replacement part/unit dispatched, if needed, following completion of phone/online diagnosis. Fee charged for failure to return defective unit. Availability varies. Other conditions apply
[4] **Limited Hardware Warranty:** For a copy of the Limited Hardware Warranty, write Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see www.dell.com/warranty.