

The Dell 4220 and 4320 Projectors



Make presentations shine with multimedia and streaming video

Project bright, high-quality graphics and multimedia content from a variety of devices in a wide range of lighting conditions with the reliable, easy-to-maintain Dell 4220 and 4320 projectors. With the optional wireless capability, connect up to 30 users simultaneously, display up to 4 users at once, or stream hi-def video files. Exceptional brightness and advanced features make the Dell 4220 and 4320 projectors ideal for boardrooms, conference rooms, and classrooms.

Light up the room with bright ideas

With over 4000 ANSI Lumens and high resolution capabilities, you can project ultra-bright, high-quality images in a wide range of lighting conditions. The Dell 4220 offers XGA resolution in a standard aspect ratio, while the Dell 4320 features WXGA resolution in widescreen format. All Dell projectors are equipped with DLP® and BrilliantColor™ technology for vibrant colors.

Experience multimedia and streaming video

Experience the freedom to present multimedia from a variety of devices with multiple inputs. HDMI input allows you to connect and project from a variety of hi-def digital media players, including DVRs, DVD players, Blu-ray players, and gaming consoles so you can watch videos and movies (HDMI cable sold separately). The Dell 4220 and 4320 projectors can stream 720p HD video files directly to the projectors using the optional wireless capabilities for AV cable-free viewing. And built-in dual 5W speakers let multimedia presentations be heard as well as seen.



Get the features you want...

- Optional wireless¹ module for advanced capabilities and enhanced features allows you to wirelessly¹ connect up to 30 PCs to the projector at one time, and the ability to display up to 4 users simultaneously
- View presentations in a variety of lighting conditions with the Dell 4220 projector's 4100 ANSI lumens (max.) or the Dell 4320 projector's 4300 ANSI lumens (max.)
- PC-free presentation enables you to project without a PC. With the PtG Converter Lite software (available on support.dell.com), convert PowerPoint® files to .ptg files and store them on your USB flash drive for instant viewing directly from the projector. (File conversion will only work on files that are originally in .ppt format.)
- 3D capability helps you capture your audience's attention (Active 3D glasses with DLP link, 3D player software application, HDMI/VGA cable, 3D content, PC/laptop with a 120Hz signal output quad buffered graphics card are required and sold separately).



...And worry less

Maintenance is simple because the Dell 4220 and 4320 projectors are filter-free, and feature a user-replaceable lamp with a long lamp life² of up to 2000 hours in typical mode, and up to 2500 hours in Eco-Mode. So you spend less time and money on maintenance.

Get more peace of mind with Dell's Limited Hardware Warranty³ with 90-day projector lamp limited warranty and 2-Year Advanced Exchange Service⁴, which ensures world-class service and support, with telephone technical support and 24/7 online technical support, should you need it. Optional Extended Advanced Exchange Service⁴ for years 3 to 5, optional Accidental Damage Service⁵ (US only), and optional 1-year lamp limited warranty are also available.

Get more with optional accessories



Wireless dongle



Replacement lamps



Ceiling mount kit



		Dell 4220 Projector	Dell 4320 Projector
DISPLAY	LIGHT VALVE	Single-chip 0.55" XGA S450 DMD, DarkChip3™ technology	Single-chip 0.65" WXGA S450 DMD, DarkChip3™ technology
	BRIGHTNESS	4100 ANSI Lumens (Max.)	4300 ANSI Lumens (Max.)
	PROJECTION LENS	F-Stop: F/2.4~2.66 Focal length, f = 18.2~21.8mm	
	LENS OFFSET	115 ± 5%	112.4 ± 5%
	THROW RATIO	1.6 (wide) -1.92 (tele)	1.28 (wide) -1.536 (tele)
	PROJECTION SCREEN SIZE	30.8" ~ 307" (0.78m ~ 7.8m) (diagonal)	36.3" ~ 362" (0.92m ~ 9.2m) (diagonal)
	PROJECTION DISTANCE	3.94 ft ~ 32.81 ft (1.2m ~ 10m)	
	ASPECT RATIO	4:3 (standard aspect)	16:10 (widescreen)
	LAMP	300W user-replaceable lamp of up to 2000 hours ² (typical), or up to 2500 hours ² in Eco-Mode	
RESOLUTION	NUMBER OF PIXELS	1024 x 768 (XGA)	1280 x 800 (WXGA)
	CONTRAST RATIO	2000:1 typical (Full On/Full Off)	
	DISPLAYABLE COLORS	1.07 billion colors	
	VIDEO COMPATIBILITY	Composite Video/S-Video input: NTSC (J, M, 4.43)PAL (B, D, G, H, I, M, N, Nc, 60)SECAM (B, D, G, K, K1, L) Component Video via VGA input:480i/p, 576i/p, 720p, 1080i Component Video via HDMI input:480i/p, 576i/p, 720p, 1080p	
POWER	POWER SUPPLY	Universal AC 100-240 50-60Hz with PFC input	
	POWER CONSUMPTION NORMAL MODE: ECO-MODE: POWER-SAVING MODE: STANDBY MODE:	375W ± 10% @ 110Vac (network on) 320W ± 10% @ 110Vac (network on) 10W (wireless and network on) 5W (network, VGA OUT, and wireless off)	
SOUND	AUDIO / NOISE LEVEL	2x 5W speaker / 32 dB(A) Eco-Mode	
SIZE AND WEIGHT	DIMENSIONS (W x H x D)	11.26" x 9.76" x 4.33" (286mm x 247.8mm x 110mm)	
	WEIGHT	6.40 lbs +/- 0.05 lb (2.9 kg +/- 23g)	
COMPLIANCE	UNIFORMITY	80% Typical (Japan - JBMA)	
	ENVIRONMENTAL	Operating temperature: 5°C to 35°C (41°F to 95°F), Humidity: 80% max. Storage temperature: 0°C to 60°C (32°F to 140°F), Humidity: 90% max. Shipping temperature: -20°C to 60°C (-4°F to 140°F), Humidity: 90% max.	
INPUTS	I/O CONNECTORS	POWER: 1x AC power socket (3-pin - C14 inlet) VGA INPUT: 2x 15-pin D-Sub connector (Blue), VGA-A & VGA-B, for analog RGB/component input signals VGA OUTPUT: 1x 15-pin D-Sub connector (Black) for VGA-A pass-through S-VIDEO INPUT: 1x Standard 4-pin mini-DIN S-Video connector for Y/C signal COMPOSITE VIDEO INPUT: 1x Yellow RCA jack HDMI INPUT: 1x HDMI connector for supporting HDMI 1.3 (HDCP compliant) ANALOG AUDIO INPUT: 2x 3.5mm stereo mini phone jack (Blue) and 1 pair of RCA connectors (Red/White) VARIABLE AUDIO OUTPUT: 1x 3.5mm stereo mini phone jack (Green) USB PORT: 1x Wi-Fi USB (Type A) (optional USB Wi-Fi dongle sold separately) 1x USB (Type A) port for USB Viewer (projection direct from a USB flash drive) 1x USB (Type B) port for USB Display (projection from a computer via USB cable) 1x USB slave (mini USB) for remote support, firmware upgrade RS232 PORT: 1x Mini-DIN 6-pin for RS232 communication RJ45 PORT: 1x RJ45 connector for LAN Display and control of projector through network 12V OUTPUT: 1x 12V DC / 200mA max. relay output for driving automatic screen	
	OTHER FEATURES ¹	WIRELESS STANDARD: IEEE802.11 b/g/n WIRELESS: 1x Wireless connector, USB interface OS ENVIRONMENT: Microsoft® Windows 7 / Vista® / XP / 2000 and above, MAC OS X SUPPORTS: Presentation slides, video files, projector management MULTI-USER CONNECTIVITY: Up to 30 users at any one time 4-TO-1 SPLIT SCREEN: Simultaneous projection from up to 4 different sources CONFERENCE CONTROL MODE WIRELESS AUDIO: Supports wireless audio (driver installation required. Download from support.dell.com)	
OTHER FEATURES	OTHER FEATURES	Closed captioning ⁶ , Crestron RoomView compatibility, quick shutdown (prior setup required), customizable startup display, password protection, Kensington lock slot (security cable sold separately)	
	CONTENTS	Dell 4220 projector, power cable, VGA cable, USB-B cable, carrying case, remote control, 2x AAA battery, CD User's Guide, and Documentation	Dell 4320 projector, power cable, VGA cable, USB-B cable, carrying case, remote control, 2x AAA battery, CD User's Guide, and Documentation

Learn more at dell.com/projectors.

- 1 PC must have a wireless card or be connected to a wireless network and have the projector software installed for proper function. Accessibility to networks may be affected by firewalls or other privacy measures.
2 Lamp life rating is typical time for lamp lumens to diminish by 50% based on lab testing. Actual operating life will vary and be less under conditions including high use, temperature, dust, or abrupt power-off environments.
3 For a copy of limited hardware warranty, write Dell USA L.P., Attn: Warranties, One Dell Way, Round Rock, TX 78682 or visit www.dell.com/warranty.
4 Replacement system or part dispatched, if necessary, following phone-based troubleshooting, in advance of receipt of returned defective part or system. Lamps have 90-day limited warranty. Availability varies.
5 Service excludes theft, loss, and damage due to fire, flood, or other acts of nature, or intentional damage. Customer may be required to return unit to Dell. For complete details, visit www.dell.com/servicecontracts.
6 Closed Captioning feature can be enabled only via Composite / S-Video inputs.