

# Dell 1610HD

## Multimedia Projector



### High brightness of 3,500 ANSI Lumens (Max.)

- Optimal brightness for lights-on presentations

### Excellent contrast ratio of 2100:1 typical (Full On/Full Off)

- Complements brightness and helps deliver crisp and sharp pictures and text

### Native WXGA (1280x800) resolution

- Superb high-definition pictures by having 30% more pixels than XGA (1024x768)<sup>1</sup>

### Crestron Roomview compatible

- Enjoy an optional multi-user resource management program which offers real-time facility-wide monitoring, management and reporting of AV resources/devices

### Wide connectivity options

- Dual VGA-In
  - Two presenters in a single session can transition smoothly between one another to help prevent inherent interruptions or time-lag
- HDMI / Composite video / S-Video
  - Visual / audio flexibility and performance for work or digital entertainment
- RJ45 port
  - Set up email alerts and help manage the 1610HD over your network
- Integrated microphone port
  - lends support to a conducive class-centric delivery

### Supports closed captioning<sup>2</sup>

- Visual transcription of a program's audio portion on the screen

### 3D capability



- Enjoy total immersion and make your presentations pop when you leverage 3D content
- Active 3D goggles 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

## Standard warranty and service

2-Year Advanced Exchange Service<sup>5</sup> and Limited Hardware Warranty<sup>6</sup> for projector unit with 1-year projector lamp coverage • Includes 24/7 online technical support and telephone technical support<sup>7</sup>

<sup>1</sup>Resolution comparison based on XGA pixel count of 786,432 (1024 horizontal x 768 vertical) and WXGA pixel count of 1,024,000 (1280x800)

<sup>2</sup>Closed captioning feature can be enabled only via composite / S-Video inputs.

<sup>3</sup>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.

<sup>4</sup>Options from Dell Custom Factory Integration (CFI), Software and Peripherals (S&P) and customer kits may not be EU RoHS-compliant. For more information, please visit [www.dell.com/recycling](http://www.dell.com/recycling) and [www.dell.com/environment](http://www.dell.com/environment).

<sup>5</sup>Replacement system or part dispatched, if necessary, following phone-based troubleshooting, in advance of receipt of returned defective part or system. Availability varies.

<sup>6</sup>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/service](http://www.dell.com/service) descriptions.

<sup>7</sup>Operating hours for telephone support may vary from country to country. Kindly contact your local Dell representative for exact availability in your country.

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## Dell™ 1610HD Multimedia Projector

Display	
Light valve	Single-chip 0.65" WXGA S450 DMD, DarkChip3™ technology
Brightness	3,500 ANSI Lumens (Max.)
Throw ratio	1.28 (wide) ~ 1.536 (tele)
Projection lens	F-Stop: F/2.4 ~ 2.66; Focal length, f=18.2 ~ 21.8 mm; 1.2x manual zoom lens
Projection screen size	0.92m ~ 9.19m (36.3" ~ 362") (diagonal)
Projection distance	1.2m ~ 10m (3.94 ft ~ 32.81 ft)
Lamp	Philips 225W user-replaceable lamp of up to 3,000 hours <sup>3</sup> in Normal mode or up to 4,000 hours <sup>3</sup> in Eco-Mode
Resolution	
Number of pixels	1280 x 800 (WXGA)
Contrast ratio	2100:1 Typical (Full On/Full Off)
Displayable colors	1.07 billion colors
Video compatibility	Composite video/S-Video: 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 and HDMI: 1080i/p, 720p, 576i/p, 480i/p
Power	
Power supply	Universal AC 100-240V 50-60Hz with PFC input
Power consumption	Normal mode 287W ± 10% @ 110Vac (network on) Eco-Mode 219W ± 10% @ 110Vac (network on) Power-saving mode ≤15W (network on, fan speed at minimum) Standby mode ≤0.5W (network off, VGA OUT off)
Sound	
Audio / noise level	8W speaker / 35 dB(A) in Normal mode, 32 dB(A) in Eco-Mode
Size and weight	
Projector (WxHxD)	296.5mm x 87.9mm x 202mm ± 1mm (11.68" x 3.46" x 7.96" ± 0.04")
Weight	2.36 kg (5.2 lbs)
Compliance	
Uniformity	85% typical (Japan - JBMA)
Environmental	EU RoHS compliant <sup>4</sup> Yes 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.
Connectivity	
I/O ports	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 loop-through S-Video input 1x standard 4-pin mini-DIN S-Video connector for Y/C signal Composite video input 1x yellow RCA jack for CVBS signal HDMI input 1x HDMI connector for supporting HDMI 1.3 (HDCP compliant) Analog audio input 1x 3.5mm stereo mini phone jack (blue), 1x pair of RCA connector (red/white) Variable audio output 1x 3.5mm stereo mini phone jack (green) USB port 1x USB-B slave for remote support RS232 port 1x mini-DIN 6-pin for RS232 communication RJ45 port 1x RJ45 connector for control of projector through network Microphone 1x 3.5mm stereo mini phone jack (pink)
Package contents	
Contents	Dell 1610HD projector, carrying case, power cord, VGA cable, remote control and 2x AAA battery, CD User's Guide and documentation