

# DELL 1610HD

## MULTIMEDIA PROJECTOR



Perfect for Education, Small/Medium Businesses, and Network Administrators



FEATURES	BENEFITS
<b>NATIVE WXGA RESOLUTION</b>	<ul style="list-style-type: none"> <li>▪ Ideal for users of widescreen laptops and display monitors</li> </ul>
<b>3500 ANSI LUMENS (MAX.)</b>	<ul style="list-style-type: none"> <li>▪ Optimal brightness for lights-on presentations</li> </ul>
<b>2100:1 CONTRAST RATIO (TYPICAL)</b>	<ul style="list-style-type: none"> <li>▪ Dynamic projections by delivering excellent representation &amp; by capturing details</li> </ul>
<b>3D-CAPABLE</b>	<ul style="list-style-type: none"> <li>▪ Enjoy total immersion and make your presentations pop when you leverage 3D content</li> <li>▪ 3D goggles, 3D video content and 120Hz signal output graphic card supported on PC are required and sold separately.</li> </ul>
<b>CRESTRON® ROOMVIEW™ COMPATIBLE</b>	<ul style="list-style-type: none"> <li>▪ Enjoy an optional multi-user resource management program which offers real-time facility-wide monitoring, control and reporting of AV resources/devices</li> </ul>
<b>EXTENSIVE CONNECTIVITY OPTIONS</b> Dual VGA, HDMI, RJ45, RS232, Composite Video, S-Video, Microphone jack (cables not included)	<ul style="list-style-type: none"> <li>▪ Dual VGA connectors               <ul style="list-style-type: none"> <li>- two presenters in a single session can transition smoothly between one another to help prevent inherent interruptions or time-lag</li> </ul> </li> <li>▪ HDMI / Composite Video / S-Video ports               <ul style="list-style-type: none"> <li>- visual / audio flexibility &amp; performance for work or digital entertainment</li> </ul> </li> <li>▪ RJ45 port               <ul style="list-style-type: none"> <li>- set up email alerts &amp; help manage the 1610HD over your network</li> </ul> </li> <li>▪ Integrated Microphone Port               <ul style="list-style-type: none"> <li>- lends support to a conducive class-centric delivery</li> </ul> </li> </ul>
<b>CLOSED CAPTIONING<sup>2</sup></b>	<ul style="list-style-type: none"> <li>▪ Displays transcription of a program's audio portion</li> </ul>



# Why Dell Projectors?

## UNCOMPROMISING VALUE

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

## TRUSTED BRAND

Our product portfolio offers trusted value and reliability to complement your IT infrastructure. Dell has partnered with leading companies across the world for their IT needs. Dell invites you to extend your relationship with a company you know and trust.

## WORLD CLASS SERVICE AND SUPPORT

Enjoy the exceptional service and support that you have come to expect from the Dell brand. We provide a single point of contact and the peace of mind of purchasing from a stable and reliable technology company.

## Compute More • Consume Less

Dell is committed to becoming one of the greenest technology companies on the planet through environmental responsibility.



In line with our philosophy of **precautionary use of materials** and **recycling**, all currently shipping Dell projectors are RoHS-compliant,<sup>3</sup> which restricts the use of certain environmentally sensitive materials.

For more information, please visit [www.dell.com/recycling](http://www.dell.com/recycling) and [www.dell.com/environment](http://www.dell.com/environment).

## WARRANTY

2-Year Advanced Exchange Service<sup>4</sup> and Limited Hardware Warranty<sup>5</sup> • 90-day Projector Bulb Limited Hardware Warranty<sup>5</sup>

## SERVICE AND SUPPORT

Advanced Exchange Service includes 24/7 online technical support and telephone technical support<sup>4,6</sup> • Optional NBD Advanced Exchange Service<sup>4</sup> Limited Hardware Warranty<sup>5</sup> for years 3 to 5 • Optional Dell Accidental Damage Service<sup>7</sup> (US only)

<sup>1</sup>Closed Captioning feature can be enabled only via Composite / S-Video inputs.

<sup>2</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>3</sup>Options from Dell Custom Factory Integration (CFI), Software and Peripherals (S&P) and Customer Kits may not be RoHS-compliant.

<sup>4</sup>Replacement system or part dispatched, if necessary, following phone-based troubleshooting, in advance of receipt of returned defective part or system. Bulbs have 90-day limited warranty. Availability varies. Other conditions apply.

<sup>5</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/warranty](http://www.dell.com/warranty).

<sup>6</sup>Operating hours for telephone support may vary from country to country. Kindly contact your local Dell representative for exact availability in your country.

<sup>7</sup>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](http://www.dell.com/servicecontracts).

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DISPLAY	
LIGHT VALVE	Single-chip 0.65" WXGA S450 DMD, DarkChip3™ technology
BRIGHTNESS	3500 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 with 1.2x manual zoom lens
PROJECTION SCREEN SIZE	36.3" ~ 362" (diagonal)
PROJECTION DISTANCE	3.94 ft ~ 32.81 ft (1.2m ~ 10m)
LAMP	Philips 225W user-replaceable lamp of up to 3,000 hours <sup>2</sup> in Typical Mode (225W) and up to 4,000 hours <sup>2</sup> in Eco-Mode (170W)
RESOLUTION	
NO. 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 & HDMI: 1080i/p, 720p, 576i/p, 480i/p
POWER	
POWER SUPPLY	Universal 100-240V AC 50-60Hz with PFC input
POWER CONSUMPTION	NORMAL MODE: 287W 10% @ 110Vac (Network on) 275W 10% @ 220Vac (Network on) ECO-MODE: 219W 10% @ 110Vac (Network on) 212W 10% @ 220Vac (Network on) POWER-SAVING MODE: <15W (Network on, Fan speed at minimum) STANDBY MODE: <1W (Network off & VGA OUT off)
SOUND	
AUDIO	8 watt speaker
NOISE LEVEL	35 dB(A) Normal Mode, 32 dB(A) Eco-Mode
SIZE AND WEIGHT	
DIMENSIONS (W x H x D)	11.68" x 3.46" x 7.96" 0.04" (296.5mm x 87.9mm x 202mm 1mm)
WEIGHT	5.2 lbs (2.36 kg)
COMPLIANCE	
UNIFORMITY	85% 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.
I/O CONNECTORS	
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 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) & 1 pair of RCA connectors (Red/White) VARIABLE AUDIO OUTPUT: 1x 3.5mm stereo mini phone jack (Green) USB PORT: 1x USB 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 with bulb, Carrying Case, Remote Control, 2 x AAA Battery, Power Cord, VGA Cable, User's Guide in CD (HTML format), Quick Start Guide, Product Information Guide.

