The ViewSonic® PJD7820HD is the best in class price-performance Full HD 1080p DLP® projector with 3,000 ANSI lumens and 15,000:1 contrast ratio. This projector is packed with features including HDMI®, 3D Blu-ray ready, multiple PC and video input options, 1.3x optical zoom, keystone correction, DynamicEco™ and integrated speaker. With the latest HDMI, the PJD7820HD can now display 3D images from 3D Blu-ray players. DynamicEco™ allows user to put the projector in “standby” energy-saving mode by reducing brightness down to 30% when the projector is not in use or without waiting for the projector to restart. Filter-less design and energy-saving eco-mode provide for virtually zero maintenance and product reliability. The ViewSonic PJD7820HD Full HD 3D 1080p projector is perfect for home, home office and small office.

Just Right for Small Office, Home Office
Packed with 3,000 lumens and a high contrast ratio of 15,000:1 (w/DynamicEco™), the PJD7820HD is guaranteed to be vibrant and shine in your office or home office.

Reliable Picture Quality & Color Performance
ViewSonic’s DLP projectors provide reliable picture quality you can trust and superior color performance you can count on after thousands of hours of usage. Built on DLP technology, the ViewSonic PJD7820HD projector virtually eliminates image degradation known as color decay – yellow/faded tint that LCD projectors may develop after extended use. Even after years of use, the PJD7820HD is still producing a stunning, sharp image that lasts.

Full HD 1080p for Widescreen Brilliance
A widescreen projector sporting a full HD 1920x1080 (1080p) native resolution offers a tremendous degree of flexibility and compatibility. Whether you are connecting your widescreen laptop or viewing 1080p HD content, you are guaranteed a distortion-free image with matching aspect ratio.

HDMI with 3D Capability
Equipped with the latest HDMI, ViewSonic’s PJD7820HD projector can now display 3D images directly from 3D Blu-ray® players. HDMI delivers the highest picture and sound quality without degradation. It’s perfect for connecting to any HDMI-enabled devices from PCs, laptops, tablets, media players to Blu-ray® DVD players.
**Full HD 1080p Projector**

**BrilliantColor™ Technology**
ViewSonic’s PJD7820HD projector with BrilliantColor technology features multi-color processing to produce stunning, vibrant colors. Unlike other technologies such as LCD which use just 3 primary colors to produce the image, the PJD7820HD uses up to 6 separate colors. The sophisticated 6-segment color wheel enhances the yellow color performance that is the key to accurate and vivid color reproduction. With multi-color processing, colors are richer and more vibrant with exquisite and precise detail.

**Maintenance Free**
ViewSonic’s PJD7820HD projector enables a filter-less design. Unlike LCD projectors require to clean, sometimes to replace, filters after every 100 to 300 hours of operation, the ViewSonic PJD7820HD projector is filter-less that eliminates the need for filter cleaning or filter replacement. This saves you significant maintenance dollars and labor over the projector’s lifespan, and lowers your total cost of ownership (TCO).

**Long Lamp Life up to 6000 Hours**
The new advanced lamp technology extends the lamp life up to 6000 hours*, this means huge savings on lamp replacement costs.

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**Specifications**

**DISPLAY**
- **Type**: 0.65" Digital Micromirror Device (DLP)
- **Resolution**: 1920x1080 (native)
- **Keystone**: Manual vertical digital keystone correction (+/- 40°)
- **Size**: 30 ~ 300 in / 0.7 ~ 7.6 m (diagonal)
- **Brightness**: 3000 Lumens
- **Contrast Ratio**: 15,000:1 (w/DynamicEco™)
- **RGB Input**: 1.3x manual optical zoom / manual optical focus
- **Lamp**: 210 watt
- **Lamp Life**: 4000 ~ 6000 hours (Normal / Eco-mode)
- **Color Wheel**: 6-seg RGB/CYW / 7200rpm

**INPUT SIGNAL**
- **Computer and Video**: NTSC M (3.58 MHz), 4.43MHz, PAL (B, D, G, H, I, M, N, 60), SECAM (B, D, G, K, K1, L), SD 480i and 576i, ED 480p and 576p, HD 720p, 1080i, 1080p

**COMPATIBILITY**
- **Connection**: RGB Input / RGB Output / Component Input / Composite Input / S-Video / Audio Input / Audio Output / USB
- **Screen Size**: 30 ~ 300 in / 0.7 ~ 7.6 m (diagonal)
- **Throw Distance**: 2.5 ~ 25.0 ft. / 0.8 ~ 7.6 m
- **Throw Ratio**: 1.15~1.5:1
- **Keystone/Arrow keys**: Left/blank, menu/exit, right/popup key lock, mode/enter, auto, source
- **OSD**: Display, Picture, Source, System Setup (Basic), System Setup (Advanced)

**CONTROL**
- **Power**: Basic, Power, keystone/arrow keys, left/blank, menu/exit, right/popup key lock, mode/enter, auto, source
- **OSD**: Display, Picture, Source, System Setup (Basic), System Setup (Advanced), Information

**NOISE LEVEL**
- **Normal / Eco-mode**: 32PF~104PF (PF~PF)

**DIMENSIONS**
- **Physical**: 10.6 x 3.3 x 8.7 in / 268 x 84.4 x 221 mm
- **Packaging**: 14.2 x 12.8 x 7.4 in / 360 x 325 x 188 mm
- **Weight**: Net: 4.6 lbs / 2.1 kg, Gross: 7.5 lbs / 3.4 kg

**REGULATIONS**
- CB, UL, cUL, FCC (including ICES-003), CE, UL-Argentina, NOM, GS, GOST-R, SASO, Ukraine, PSB, C-Tick, Korean-KG, CCC, CECP, WEEE, RoHS

**WARRANTY**
- 3-year limited warranty on parts and labor, 1-year limited warranty on lamp, 1st year free Express Exchange® service**

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*Lamp life may vary based on actual usage and other factors. **One year Express Exchange® service requires product registration. Programs, specifications and availability are subject to change without notice. Selection, offers and programs may vary by country; see your ViewSonic representative for complete details. Corporate names, trademarks stated herein are the property of their respective companies. DLP® and DLP logo are registered trademarks of Texas Instruments and BrilliantColor™ is a trademark of Texas Instruments. HDMI, the HDMI Logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries. Copyright © 2013 ViewSonic Corporation. All rights reserved [154:4:08-1213]