

Designed to take interactivity and collaboration in the classroom to the next level, **Acer U5 projectors** integrates all the features that are important for schools, such as ultra-short throw projection, remote control, 3D support, wireless projection capability.

The **Acer U5 projectors** are conceived to offer an exceptional viewing performance that improves any kind of content in any environment and are available in three models: U5220, U5320W and U5520B.



### Projector U5 series for Education

- Ultra-short throw projection
- Impressive visuals
- 3D support
- Easy remote management
- Wireless projection capability
- Eco-friendly design

### Projectors U5 series for Education

## Smart projectors

for smart classrooms



# Captivating projection

## Optimal usability

# Interactive learning

## Great flexibility

### Striking visuals

Acer U5 projectors are designed to display awesome images, so any topic comes to life in the classroom. High brightness, contrast ratio enhanced by DynamicBlack™ technology, and native resolution up to Full HD 1080p<sup>1</sup> provide the ability to cast crystal clear, vibrant visuals with sharp edges even in bright environments. Top-class technologies devised to enhance colour accuracy and fidelity make sure the image quality is unrivalled. Thanks to **Acer ColorBoost 3D** and **Acer ColorSafe II**, the U5 series projectors present nature's true colours, even when displaying 3D content or after prolonged use.

### Adaptable remote management

Acer U5 projectors are equipped with the **Crestron Network Control** which enables complete management via LAN. This solution includes RoomView® software that offers several powerful capabilities, including monitoring, remote power on/off, remote projection management, multiple-projector control, online dialogue with the administrator and e-mail alert system. To easily manage a single projector, there is Acer LAN Control a web-based application for PC/NB, allowing one-to-one remote control via LAN. There's no need to install extra software. Thanks to the efficient management tools, school staff will be able to save time and resources.

### Ultra short throw convenience

With ultra-short throw capability these projectors can display large images even when placed very close to the screen. Even at a throw distance of just 35 cm, the U5 projectors can display sharp and accurate images with a **diagonal of up to 87"**. With the projector so close to the screen, there is no shadowing effect and presenters can avoid projector beams in the eyes, plus it maximizes space as it can be used even in small rooms and still project large images. As a result the U5 projectors offers greater flexibility and maximum viewing comfort, making them the perfect choice for great projection in the classroom.



### A new dimension in learning

Acer U5 projectors can turn any lesson into an incredible 3D experience. Thanks to **DLP 3D Ready** technology, simply pair the projector with a PC or audio/video device that supports 120Hz output for an amazing 3D experience. If you are after an immersive 3D cinematic experience, just connect a Blu-ray Disc™ player via HDMI® and enjoy the show.

This solution unlocks endless possibilities for engaging learning, from exploring the universe to human anatomy, from discovering geometry to touring famous archaeological sites.

### Enhanced interaction

To facilitate interaction, instruction and collaboration in the classroom, Acer U5 projectors support **Acer SmartPen** (optional). With the SmartPen you can “write” on the screen to emphasize or explain a concept, making lessons more lively and collaborative. For easier interaction in the classroom, it offers Dual Pen<sup>2</sup> support, allowing two users to write and draw simultaneously on the screen. Acer SmartPen, which communicates with the projector via RF, also works as a remote control and can be used from up to 32 feet away from the image.

### Eco-friendly operation

Schools are always on a tight budget. Acer U5 series projectors pack a number of features such as Acer EcoProjection and Acer ExtremeEco meant to reduce power consumption up to 64% and extend the lifespan of the lamp up to 6000 hours, thus keeping costs under control and ensuring long-term, dependable projector use. In addition, a low noise level ensures clear audibility of presentation and entertainment.

### Wireless freedom

With wireless projection<sup>3</sup> you are free from the limitation of cables and sharing is easier. Via Acer wireless adapter and eDisplayPro<sup>4</sup> helpful applications, you can project documents, videos and photos from students' devices. Also, it allows up to four users to display their content on screen at the same time. This is especially useful to compare different projects or brainstorm during lessons. With Mirroring Display compatible devices<sup>5</sup>, teachers and students can share photos or documents on the big screen directly for a better viewing experience.

### Perfect picture

**Acer U5 projectors** are designed to simplify users life. Any horizontal or vertical image distortion that might be caused by improper placement of the projector is easily fixed with the **H/V Keystone Correction**. In addition, **4 Corner Correction** enables users to adjust distortions from any corner. As a result, the projected image is perfectly rectangular no matter where the projector is placed, offering greater flexibility.



### Technical specifications

|                            | U5220   | U5320W  | U5520B  |
|----------------------------|---|---|---|
| <b>Projection system</b>   | DLP®  |   |   |
| <b>Resolution</b>          | Native XGA (1,024 x 768)<br>Maximum UXGA (1,600 x 1,200)<br>WUXGA (1,920 x 1,200)   | Native WXGA (1280 x 800)<br>Maximum UXGA (1600 x 1200)<br>WUXGA (1920 x 1200) | Native 1080p (1,920 x 1,080)<br>Maximum UXGA (1,600 x 1,200)<br>WUXGA (1,920 x 1,200)   |
| <b>Aspect ratio</b>        | 4:3 (Native), 16:9  | 16:10 (native), 4:3, 16:9   | 16:9 (Native), 4:3  |
| <b>Contrast ratio</b>      | 13,000:1  | 13,000:1  | 10,000:1  |
| <b>Brightness</b>          | 3000 ANSI lumens (standard); 2400 ANSI lumens (ECO)   |   |   |
| <b>Lamp life</b>           | 3000 hours (standard); 4000 hours (ECO); 6000 hours (ExtremeEco)  |   |   |
| <b>Projection lens</b>     | F = 2.53, f = 5.38mm, Manual Focus  |   |   |
| <b>Throw ratio</b>         | 77" @39cm (0.47:1)  | 87" @36cm (0.37:1)  | 87" @35cm (0.36:1)  |
| <b>Keystone correction</b> | ±15 Degrees (Vertical & Horizontal)<br>4-Corner, Manual   | ±15 Degrees (Vertical & Horizontal)<br>4-Corner, Manual                       | ±15 Degrees (Vertical & Horizontal)<br>4-Corner, Manual   |
| <b>Noise level</b>         | 33 dBA (standard); 27 dBA (ECO)   |   |   |
| <b>Input interface</b>     | Analog RGB / Component video (D-Sub) x 2;<br>Composite video (RCA) x 1; S-video (Mini DIN) x 1;<br>HDMI® (video, audio, HDCP) x 1;<br>HDMI/MHL (Video, Audio, HDCP, Internal) x 1;<br>PC audio (stereo mini jack) x 2;<br>L/R audio (stereo RCA) x 1; Mic in (stereo mini jack) x 1 |   | Analog RGB / Component video (D-Sub) x 2; Composite video (RCA) x 1;<br>S-video (Mini DIN) x 1; HDMI® (video, audio, HDCP) x 1;<br>HDMI/MHL (Video, Audio, HDCP, Internal) x 1; PC audio (stereo mini jack) x 2;<br>L/R audio (stereo RCA) x 1;<br>Mic in (stereo mini jack) x 1;<br>USB (Type A) x 1;<br>USB (Type A Internal) x 1; USB (Mini B) x 1 |
| <b>Output interface</b>    | Analog RGB (D-Sub) x 1; PC audio (stereo mini jack) x 1;<br>DC Out (5V/1A, USB Type A) x 1; DC Out (5V/1A, USB Micro-B, Internal Plug) x 1  |   |   |
| <b>Control interface</b>   | USB (Mini-B) x 1; RS-232 (D-Sub) x 1;<br>RF receiver jack (for interactive SmartPen) x 1  |   |   |
| <b>Network Interface</b>   | Ethernet port (RJ45) x 1  |   |   |
| <b>Dimensions</b>          | 339 x 323 x 237 mm  |   |   |
| <b>Weight</b>              | 5.5Kg   |   |   |

1. U5520B;  
2. For Dual Pen mode, users need to install NXBoard software;  
3. Wireless projection is only available via Acer wireless adapter;  
4. Download eDisplayPro app for smart device and eDisplay management for PC;  
5. Support for Android 4.2 / Windows 8.1 and later.