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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| name | **miroir M20** | **Orimag P6 Portable Smart Mini DLP LED WiFi Projector** | **LN M2 DLP Smart Mini Portable Projector** | **Alfawise X1 Mini 2.1 inch Wireless DLP Projector** | **Sony MP-CD1 Projector Specifications** | **C80 DLP Pocket Mini Projector Home Entertainment** | **AAXA LED Pico Projector Specifications** | **LN M2 DLP Mini Smart Portable Projector** | **Excelvan Portable Pocket Mini DLP LED Projector** |
| **Brightness**  **[Lumens]** | 15 | 80 Ansi Lumens | 50 ANSI | 100 ANSI | 105 | 50 Ansi Lumens | 25 | 50ANSI | 80 Ansi Lumens |
| **Resolution** | 640x360 | 640 x 480 | 854 x 480 | 854 x 480 | 854x480 | 850 x 480 | 960x540 | 854 x 480 | 854 x 480 |
|  |  |  |  |  |  |  |  |  |  |
| **Size [cm]**  **(HxWxD)** | 1 cm x 10 cm x 8 cm | 4.30 x 4.30 x 4.75 cm | 9.65 x 9.65 x 2.63 cm | 5.50 x 5.50 x 5.50 cm | 2 cm x 8 cm x 15 cm | 5.95 x 5.95 x 5.80 cm | 2 cm x 11 cm x 6 cm | 9.65 x 9.65 x 2.63 cm | 100\*100\*22mm |
| **Weight**  **[kg]** | 0.2 | 0.1100 kg | 0.2270 kg | 0.1700 kg | 0.3 | 0.7500 kg | 0.1 | 0.2270 kg | - |
| **Lamp Life:**  [hours] | 20,000 | 20000 hours | 30,000 hours | 30,000 hours | 50,000 | 20,000 hours | 15,000 | 30,000 hours | - |
| **Battery Life:**  [hours] | 2 | 1.5 hours | (not mention)  2 x AAA Battery | 2 | 2 | 2 hours | 2 | (not mention) 2 x AAA Battery | - |
| [**Throw Distance**](https://www.projectorcentral.com/miroir-M20-projection-calculator-pro.htm) | 0.6 m - 1.8 m | 0.3 - 3.5M | 1 to 4 m | 0.2 - 3.5m | 1.1 m - 3.5 m | 1 - 3 m | 0.7 m - 1.9 m | 1 to 4 m | 1-2 |
| **Image Size** | 58 cm - 175 cm | 127 - 304.8 cm | 76.2- 381cm | 17.78- 304.8inch | 102 cm - 305 cm | 88.9- 304.8 cm | 43 cm - 127 cm | 76.2- 381cm | 66.04 -254cm |
| **Connection Panel** | HDMI, Audio Out (Mini Jack), USB | micro USB | Bluetooth 4.1,HDMI, USB, Micro USB | micro sd, mini HDMI | Audio Out (Mini Jack), USB, HDMI (MHL) | mini HDMI, USB | Composite (RCA), HDMI, Audio Out (Mini Jack), MemoryCard, USB | HDMI, USB, micro USB | HDMI, USB |
| **cost** | 80$ | $247.55 | $189.99 | $219.99 | **Street Price**(USD): [$249](https://www.projectorcentral.com/Sony-MP-CD1-prices.htm)  **MSRP**(USD): $399 | $199.99 | **Street Price**(USD): [$126](https://www.projectorcentral.com/AAXA-LED_Pico-prices.htm)  **MSRP**(USD): $179 | **$206.77** | **$197.03** |
|  | <https://www.projectorcentral.com/miroir-M20.htm> | <https://www.gearbest.com/projectors/pp_619168.html?wid=1433363#anchorGoodsReviews>  **cheaper**:  <https://www.gearbest.com/projectors/pp_619167.html?wid=1433363#goodsDetail>  its linux:  <http://www.deal-dx.com/deal-dx/viewitem/466464-orimag-p6-portable-smart-mini-dlp-led-fhd-projector-silver-us-plugs.html#.XVQHmuhvZPZ> | <https://www.gearbest.com/projectors/pp_009734499423.html?wid=1433363> | <https://www.gearbest.com/projectors/pp_009915817660.html?wid=1433363>  its linux:  <https://www.priceboon.com/product/alfawise-x1-mini-stereo-dlp-projector/> | <https://www.projectorcentral.com/Sony-MP-CD1.htm?metric=1> | <https://www.gearbest.com/projectors/pp_009241890297.html?wid=1433363> | <https://www.projectorcentral.com/AAXA-LED_Pico.htm> | <https://www.gearbest.com/projectors/pp_009527182388.html?wid=1433363> | <https://www.gearbest.com/projectors/pp_602480.html?wid=1451237> |

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| name | **ASUS ZenBeam E1** | **miroir M55** | **ASUS ZenBeam Go E1Z** | **miroir M45** | **miroir MP160** | **miroir HD MP150A** | **miroir M200A** |  |
| **Brightness**  **[Lumens]** | 150 | 15 | 150 | 15 | 200 | 200 | 200 |  |
| **Resolution** | 854x480 | 640x360 | 854x480 | 640x360 | 1280x720 | 1280x720 | 854x480 |  |
| **Size [cm]**  **(HxWxD)** | 3 cm x 11 cm x 8 cm | 2 cm x 11 cm x 8 cm | 3 cm x 11 cm x 8 cm | 2 cm x 12 cm x 8 cm | 3 cm x 11 cm x 11 cm | 3 cm x 8 cm x 13 cm | 2 cm x 14 cm x 8 cm |  |
| **Weight**  **[kg]** | 0.3 | 0.1 | 0.3 | 0.1 | 0.3 | 0.3 | 0.3 |  |
| **Lamp Life:**  [hours] | 30,000 | 20,000 | 30,000 | 20,000 |  | 20,000 |  |  |
| **Battery Life:**  [hours] | 5 | 2 | 5 | 2 |  | 2 |  |  |
| [**Throw Distance**](https://www.projectorcentral.com/miroir-M20-projection-calculator-pro.htm) | 0.6 m - 3.0 m | 0.8 m - 2.1 m | 0.6 m - 3.0 m | 0.8 m - 2.1 m | 1.5 m - 3.7 m | 0.6 m - 3.0 m | 1.4 m - 2.7 m |  |
| **Image Size** | 50 cm - 250 cm | 73 cm - 204 cm | 50 cm - 250 cm | 73 cm - 204 cm | 105 cm - 255 cm | 42 cm - 211 cm | 126 cm - 242 cm |  |
| **Connection Panel** | HDMI (MHL), USB, | HDMI, USB | Audio Out (Mini Jack), USB | HDMI, Audio Out (Mini Jack), USB | HDMI, Audio Out (Mini Jack), USB | Audio Out (Mini Jack), USB, HDMI (MHL) | HDMI, Audio Out (Mini Jack), USB |  |
| **cost** | **Street Price**(USD): [$264](https://www.projectorcentral.com/ASUS-ZenBeam_E1-prices.htm) | **street Price**(USD): [$115](https://www.projectorcentral.com/miroir-M55-prices.htm)  **MSRP**(USD): $149 | **Street Price**(USD): [$204](https://www.projectorcentral.com/ASUS-ZenBeam_Go_E1Z-prices.htm) | **Street Price**(USD): [$65](https://www.projectorcentral.com/miroir-M45-prices.htm)  **MSRP**(USD): $149 | **Street Price**(USD): [$220](https://www.projectorcentral.com/miroir-MP160-prices.htm)  **MSRP**(USD): $299 | **Street Price**(USD): [$225](https://www.projectorcentral.com/miroir-HD_Projector_MP150A-prices.htm)  **MSRP**(USD): $225 | **Street Price**(USD): [$207](https://www.projectorcentral.com/miroir-M200A-prices.htm)  **MSRP**(USD): $299 |  |
|  | <https://www.projectorcentral.com/ASUS-ZenBeam_E1.htm> | <https://www.projectorcentral.com/miroir-M55.htm> | <https://www.projectorcentral.com/ASUS-ZenBeam_Go_E1Z.htm> | <https://www.projectorcentral.com/miroir-M45.htm> | <https://www.projectorcentral.com/miroir-MP160.htm> | <https://www.projectorcentral.com/miroir-HD_Projector_MP150A.htm> | <https://www.projectorcentral.com/miroir-M200A.htm> |  |

<https://www.projectorcentral.com/popular-pico-projectors.htm>

1.“Lumen” is the basic measure of luminous flux (the observed power or strength of light).

2.ANSI lumen is measuring lumen as stipulated by the ANSI standardization. Thus, it is more specific and accurate for determining the brightness of the projector.

3.ANSI lumens have been observed as one of the [values](http://www.differencebetween.net/language/difference-between-ethics-and-values/) or units to look at in most of today’s modern projectors especially if you are buying one.

P6:

אפשר לחבר את המקרן בעזרת כבל wiifi לפלאפון ואז להציג את המסך

<https://www.youtube.com/watch?v=FApK2o7FOAk>