**Vergelijking Specificaties**

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| **Specificatie** | **Zedboard** | **Ultra96** | **Jetson Nano** |
| Fabrikant | Xilinx | Xilinx | NVIDIA |
| SoC | Zynq-7000 SoC | Zynq UltraScale+ MPSoc | / |
| CPU | Dual-core ARM Cortex-A9 MPCore met CoreSight | Combinatie van:   * Quad-core ARM Cortex-A53 * Dual-core Cortex-R5 | Quad-Core ARM Cortex-A57 64-bit |
| GPU | / | Mali-400 MP2 | NVIDIA Maxwell met 128 CUDA cores |
| PL | Artix-7 | FinFET+ | / |
| Memory | 512 MB DDR3 | 2 GB LPDDR4 | 4 GB LPDDR4 |
| Display | HDMI 1080P en VGA | Mini DisplayPort | HDMI 2.0 en DisplayPort |
| Video Encoding/Decoding | H.264 | H.264/H.265 | H.264/H.265 |
| Power (V/A) | 12V/5A | 12V/4.8A | 5V/4A |
| Power efficiency (Resnet-50) | 17 Gops/W | 62,59 Gops/W | 31,2 – 57,7 Gops/W |
| Prijs chip | €115,48[[1]](#footnote-1) | €404,30[[2]](#footnote-2) | €364,28[[3]](#footnote-3) |

1. <https://www.digikey.be/product-detail/en/xilinx-inc/XC7Z020-1CLG484C/122-1850-ND/3925759> [↑](#footnote-ref-1)
2. <https://www.digikey.com/product-detail/en/xilinx-inc/XCZU3EG-1SFVC784E/XCZU3EG-1SFVC784E-ND/7034561?fbclid=IwAR2z_A6JG1rJnAdI5M7uQOSmK8Juv28zKpx_0YkLtMBSDCK8wq9TkZ70fvU> [↑](#footnote-ref-2)
3. <https://store.nvidia.com/store;jsessionid=9779B884547EDC5A833ABDF226A5FCE7?Action=DisplayPage&Locale=en_US&SiteID=nvidia&id=QuickBuyCartPage> [↑](#footnote-ref-3)