



NES-PCIE-ZU+ PCIe Zynq Ultrascale+

▶ HIGHLIGHTS

PCIe form factor

Zynq Ultrascale+ MPSOC ZU7CG or ZU11EG

PCIe Gen3 x4

FMC+ connector (160 I/O + Up to 24 HSS)

LED

User I/O

RAM DDR4 banks 2x1GB@2400Mbps

\Ethernet port (10/100/1000BaseT)

SATA-III

MiniDisplay port

1xMMC (Flash NAND)

1x QSPI

1μSD Slot

RELATED PRODUCT





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Multi boot options

External power supply (Stand alone)

VHDL PCIe Core Gen3 x4

Continous & Scatter gathered DMA

VHDL DDR4 Controller

VHDL System monitoring

Linux BSP

API

Development Kit for Windows & Linux

MiniDisplay port

Operating Temperature : 0°C to 60°C

Storage : -50°C to 125°C

Compliant with ROHS and Reach process , ITAR Free



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► OVERVIEW

The NES-PCIE-ZU+ versatility comes from useful features including a fully FMC+ site, DDR4 memories, a management system, etc. Thanks to Arm processor, you access to multiple interfaces which allow to design standalone equipment easily. Built on a common real-time processor and programmable logic equipped platform, our NES-PCIE-ZU+ features ZU7CG, ZU11EG and ZU7EV SoCs to optimize

performance/price ratio. Zynq® UltraScale+™ MPSoC devices provide 64-bit processor scalability while combining real-time control with soft and hard engines for graphics, video, waveform, and packet processing. NES-PCIE-ZU+ can be easily used in a standard PC environment (Development Kit available for both Windows and Linux) or in your own enclosure as a stand-alone equipment.

Order Part Number:

- NES-PCIE-ZU+/7 PCIe with ZU7CG FPGA 16 Serdes Up to 16.3GBps
- NES-PCIE-ZU+/11 PCIe with ZU11EG FPGA 24 Serdes Up to 16.3GBps
- NES-PCIE-ZU+/7EV PCIe with ZU7EV FPGA 16 Serdes Up to 16.3GBps