



Intel® FPGAs for Acceleration in Dell-EMC Servers

Base Configurations

Thank you for choosing Intel® FPGAs for acceleration in Dell-EMC servers.

When customizing your new Dell-EMC servers for use with Intel Programmable Acceleration Card with Intel Arria® 10 GX FPGA (Intel PAC with Intel Arria 10 GX FPGA), make sure that you select the base configurations shown in Table 1 or the PAC card may not be visible and selectable as an acceleration option.

Dell-EMC Servers	Base Configurations				
	Chassis	Processor Thermal Configuration	Minimum Memory	PCIe Riser	GPU / FPGA Acceleration Cards
R640	Chassis with up to 8 x 2.5" hard drives and two PCI Express* (PCIe*) slots		8GB RDIMM, 2,666 MT/s, single rank (Qty 2)		Intel PAC 60W FH
Note: Only select 2.5" chassis with two PCIe slots					
R740	Chassis with up to 8" x 2.5" SAS/SATA hard drives for 2-CPU configuration	Heat sink install kit for GPU config, no cable	8GB RDIMM, 2,666 MT/s, single rank (Qty 2)	Riser config 6, 5 x 8, 3 x 16 slots, single-wide GPU compatible	Intel PAC 60W FH
	Chassis with up to 16 x 2.5" SAS/SATA hard drives for 2-CPU configuration				
Note: Only select chassis with 2.5" hard drives and two-CPU configurations					
R740xd	Chassis with up to 24 x 2.5" NVM Express (NVMe) drives (max), 2-CPU configuration, GPU-capable configuration	Heat sink install kit for GPU config, no cable	8GB RDIMM, 2,666 MT/s, single rank (Qty 2)	Riser config 9, 5 x 8, 3 x 16 slots, single-wide GPU compatible	Intel PAC 60W FH
R840	Any chassis configuration with Accelerator or GPU support				
R940xa					

Table 1: Base Configurations for Dell-EMC Servers for Use with Intel PAC with Intel Arria 10 GX FPGA

All information provided here is subject to change without notice. Contact your Intel representative to obtain the latest Intel product specifications and roadmaps.

Features and benefits of Intel's technologies depend on system configuration, hardware, software and services. No computer system can be absolutely secure. Learn more at www.intel.com
 Intel, the Intel logo, the Intel Inside mark and logo, the Intel. Experience What's Inside mark and logo, Altera, Arria, Enpirion, Intel, Intel Core, Intel Xeon, MAX, Nios, Quartus and Stratix are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries.

*Other names and brands may be claimed as the property of others.