

Specifications

Nallatech's FPGA accelerator cards meet PCI Express mechanical and electrical specifications allowing easy and low risk integration with leading server and blade platforms



	385		395	
	P385-A7	P385-D5	P395-AB	P395-D8
FPGA	Altera Stratix V GX A7	Altera Stratix V GS D5	Altera Stratix V GX AB	Altera Stratix V GS D8
Form Factor	Half-height, half-length Single-width active cooling solution Passive cooling solution available		Full-height, 3/4-length Double-width active cooling solution Single-width active and passive cooling solutions available	
Host Interface	8-lane PCI Express Gen 3 capable * Up to 10GByte/sec sustained host bandwidth		8-lane PCI Express Gen 3 capable * Up to 10GByte/sec sustained host bandwidth	
DDR3 SDRAM Memory	8GB 2 independent banks of 4GB 72-bit data bus		32GB 4 independent banks of 8GB 72-bit data bus	
QDR-II SRAM Memory	-		Please contact Nallatech for details	

*Nallatech 385 and 395 cards feature Stratix V devices, and are tested at PCIeGen3 speeds. However, when using the Altera OpenCL SDK and Nallatech BSP, the interface is PCIeGen2. Contact Nallatech if your application requires PCIeGen3 bandwidth.



Nallatech products are available pre-installed in HP servers through the HP 3PO program.



Nallatech is an IBM Industry Solutions Reseller (ISR) and a member of the IBM iOEM program.

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Technical specifications (e.g. FPGA type, size, external memory capacity etc.) can be modified to meet the exact needs of commercial customer applications as off-the-shelf product available to the general market.

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