



**REFLEXCES**  
Custom Embedded Systems



Designer and manufacturer of high-speed boards and rugged system solutions based on high-density FPGAs and processors

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# OUR OFFER

## COTS

REFLEX CES offers FPGA boards as off-the-shelf products. These ready-made solutions enable engineers to go to market with little to no internal development, and ready-to-use software (BSP, Test designs). Certain COTS boards are also available in Development Kit versions complete with a Graphic User Interface for quick demos.

## MOTS

Modified COTS

All of REFLEX CES' COTS boards may be tailored to better fit your FPGA or memory density needs, or de-populated for lower cost constraints so long as the PCB and main functionalities are not compromised. Our Sales account managers are available to discuss your specific business requirements.

## Custom

A major part of REFLEX CES activity is the development of Full Turnkey board or system solutions, based on our clients' specific requirements.

We have the technical capabilities to address complete systems as well as offering partial design services such as: Hardware, Firmware, Software, Mechanics, CAD P&R, PCB stacking definition, Signal Integrity with Hyperlynx simulations, certifications, etc.



# OUR BOARDS

Intel®	Intel® Cyclone® V	Development Kit : <a href="#">Clovis Cyclone® V AVDB Video DevKit</a>
	Intel® Arria® 10	Development Kit : <a href="#">Achilles Arria® 10 SoC SoM Instant-DevKit</a> System-on-Module : <a href="#">Arria® 10 SoC SoM</a> <a href="#">PCIe Carrier Board for Arria® 10 SoC SoM</a>
		Development Kit : <a href="#">Alaric Arria® 10 SoC FMC Instant-DevKit</a> PCIe board : <a href="#">Arria® 10 SoC FMC</a>
		Development Kit : <a href="#">Attila Arria® 10 GX FMC Instant-Devkit</a> PCIe board : <a href="#">Arria® 10 GX FMC</a>
	Intel® Stratix® 10	Low-profile PCIe board : <a href="#">Arria® 10 GX 1150KLE FPGA, featuring 80G Ethernet</a> Low-profile PCIe board : <a href="#">Arria® 10 GX 1150KLE FPGA, featuring 40G Ethernet</a>
Development Kit : <a href="#">Sargon Stratix® 10 FPGA &amp; SoC FMC+ Instant-DevKit</a>  COM Express Module : <a href="#">Type 7 standard, Stratix® 10 GX and SX</a> <a href="#">PCIe Carrier Board for the COM Express Module</a>  Full-height profile PCIe board : <a href="#">Stratix® 10 GX or SX 2800KLE FPGA, featuring 200G Ethernet</a> Full-height profile PCIe board : <a href="#">Stratix® 10 GX 2800KLE FPGA, featuring 800G Ethernet</a>		
OpenCL™	<a href="#">OpenCL™ FPGA Board Support Packages for the Intel® FPGA SDK</a>	
FMC	FMC060 Card : <a href="#">an optical transceiver module, featuring 60G Ethernet</a>	
Xilinx®	Xilinx® Virtex® 7	Low-profile PCIe board : <a href="#">Virtex® 7 Network Processing FPGA , featuring Gen3, 5 x10 Gb Ethernet</a>
	Xilinx® Kintex® UltraScale™	Full-height PCIe board : <a href="#">Kintex® UltraScale™ KU040 or KU095 FPGA Prototyping</a>
	Xilinx® Virtex® UltraScale+™	Low-profile PCIe board : <a href="#">Virtex® Ultrascale+™ VU9P Network Processing FPGA, featuring 2 x 100G Ethernet</a> Low-profile PCIe board : <a href="#">Virtex® Ultrascale+™ VU5P Network Processing FPGA, featuring 2 x 100G Ethernet</a>

More information about our boards on [www.reflexces.com](http://www.reflexces.com)



# OUR MARKETS

## DEFENSE & SECURITY



## INDUSTRIAL



## HIGH PERFORMANCE COMPUTING



## HIGH FREQUENCY TRADING



## NETWORKING ACCELERATION

