



Apollo Arria 10 Series

Long-Lifecycle Processing Acceleration

Prodrive Technologies' Apollo Arria 10 Series is the optimal choice for workload offloading in embedded systems. The Apollo Series has a long availability by using an Intel® Arria® 10 FPGA as its processing unit. Moreover, it is very flexible with regard to the type of workloads that can be efficiently accelerated. Apollo Arria 10 Series offers optimized cost of ownership and maximum investment



Product features

- Intel® Arria® 10 series SoC up to GX 1150
- Dual core ARM Cortex A9
- 2x 4 GB DDR3 64-bits SDRAM @ 1866 MT/s (logic)
- 1x 1 GB DDR3 32-bits SDRAM @ 1866 MT/s (shared)
- PCIe Gen 3 x8
- OpenCL and HDL supported

Processing

FPGA	Intel® Arria® series up to GX1150
CPU	Dual-Core ARM Cortex A9

System Memory

Logic	2x 4GB DDR3 64-bits @1866MT/s
Shared	1x 1GB DDR3 32-bits @1866MT/s

Interfaces

Host	PCIe Gen3 x8
LAN	4x 10G SFP+

Form Factor

Form Factor	Three-quarter length PCIe card
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Environmental

Cooling	Internal Active Cooling
Ambient	5..55°C

Compliance

Compliance	CE, IEC60601/IEC60950, CL/CSA
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