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

### Interfaces
- **Host**: PCIe Gen3 x8
- **LAN**: 4x 10G SFP+

### Form Factor
- **Form Factor**: Three-quarter length PCIe card

### Environmental
- **Cooling**: Internal Active Cooling
- **Ambient**: 5..55°C

### Compliance
- CE, IEC60601/IEC60950, CL/CSA

<table>
<thead>
<tr>
<th>System Memory</th>
<th>Logic</th>
<th>2x 4GB DDR3 64-bits @1866MT/s</th>
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<tbody>
<tr>
<td></td>
<td>Shared</td>
<td>1x 1GB DDR3 32-bits @1866MT/s</td>
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<tr>
<th>Processing</th>
<th>FPGA</th>
<th>Intel® Arria® series up to GX1150</th>
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<tbody>
<tr>
<td></td>
<td>CPU</td>
<td>Dual-Core ARM Cortex A9</td>
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