

## PRODUCT NOTICE # PCN-1011-01 rev A1

Date Issued	31 March 2017
Products Affected	<b>Parvus DuraCOR 8041 and DuraWORX 8041</b>
Purpose of Notification	<b>Product Change Notice Last Time Buy Notice for Current Revision Updated Product Roadmap</b>

*This product notice serves as notification of a planned change for a standard product and all custom derivatives and is announced prior to production changes are implemented. The announcement is made in order to allow customers to assess any potential impacts, provide time to order sufficient products to maintain long-term program requirements, and/or to allow for a managed product migration to a new product.*

**AFFECTED PRODUCTS**

<u>Ordering Codes</u>	<u>Description</u>
<b>All Parvus DuraCOR 8041 or DuraWORX 8041 products beginning with “C8041” or “W8041”...and all variants</b>	
C8041-XXX-XXX	Parvus DuraCOR 8041 4 <sup>th</sup> Gen Core i7 Mission Computer
W8041-XXX-XXX	Parvus DuraWORX 8041 4 <sup>th</sup> Gen Core i7 Mission Computer + Cisco 5915 Router

**PRODUCT CHANGE**

Curtiss-Wright has received an unanticipated end of sale announcement for a key component in the Parvus DuraCOR 8041 and DuraWORX 8041 products, namely the Radisys 4<sup>th</sup> Gen (Haswell) Intel Core i7 COM-Express module. In order to minimize any adverse effects for customers, CW announces a planned product change to replace the Radisys module. Curtiss-Wright has tested interoperability with a replacement COM-Express product from ADLINK that will enable Curtiss-Wright to provide customers with form fit function replacement systems that will extend production availability to approximately 2021. Any previously sold units under warranty returned for repair after the product change period will be warranted using the replacement module.

**TECHNICAL DETAILS / FORM FIT FUNCTION**

The planned revision change for the DuraCOR 8041 and DuraWORX 8041 will replace the integrated Radisys CEQM87HD 4<sup>th</sup> Gen Intel Core i7 processor Type 6 COM-Express module with an ADLINK XPRESS-HLE 4<sup>th</sup> Gen Intel Core i7 processor Type 6 COM-Express module, both of which support the same Intel Core-i7-4700EQ processor and QM87 PCH chipset. American Megatrends BIOS version 2.15.1236 is supported on both modules, but with cosmetic menu change differences. The new system revision will maintain legacy system interfaces (pinouts and connectors) and same physical dimension of the chassis. The revised BOM will undergo re-qualification to MIL-STD-810, MIL-STD-461, DO-160 with a new qual test report to be issued. Because the product change will result in a form fit function replacement, it not



anticipated that order code part numbers will change, but there will be a different revision letter on the product serial number labeling.

### **ACTION REQUIRED**

It is anticipated that all production DuraCOR 8041 and DuraWORX 8041 systems will migrate to the new COM-Express module in the next 4-6 months with a bill of material (BOM) revision change, after all available stock of COM-Express boards from Radisys are consumed. While it is anticipated that this product change will be seamless for most customers, Curtiss-Wright encourages any customers with concerns or special needs to make last time purchases of the current revision or to execute a longevity of supply (LoS) arrangement for the legacy product revision no later than June 16, 2017. LoS arrangements may include a purchase of the obsolete COM-Express module to be held by CW in bonded customer-owned inventory for future system builds. After June 2017, Curtiss-Wright will not be able to acquire the legacy component.

### **KEY DATE SUMMARY**

<b>Product change notice</b>	31 March 2017
<b>Last date for purchase of current revision 8041 systems with Radisys CPU module, or purchase of Radisys CPU modules standalone (to be held in customer-owned bonded stores)</b>	16 June 2017
<b>Estimated End of Life (EOL) date for new 8041 product revisions with ADLINK CPU module</b>	Year 2021 (estimate)

### **PRODUCT ROADMAP**

Curtiss-Wright also offers a 5<sup>th</sup> Gen (Broadwell) Core i7 mission computer identical in form factor and pinout as the DuraCOR 8041, called the DuraCOR 8042, which offers double the RAM memory capacity of the 8041 series, and options for 50/200ms power hold-up and/or power redundancy. The DuraCOR 8042 is currently sampling early access units (EAUs) with MIL-STD qualification testing underway, leading to production release by end of Q2 2017.

A follow-on 6<sup>th</sup> Generation (Skylake) Xeon E3v5-based model with a similar chassis as the 8041 and 8042 is planned for production by Q4 2017.

### **CONTACT US**

To minimize impact on customer programs, Curtiss-Wright encourages its customers to work with your sales account managers to evaluate individual program needs, schedules, and technical requirements.

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