



Date: February 6, 2024

Subject: EOL and continued supply of Intel 'Skylake' based Parvus DuraCOR 8043

Dear valued customer,

This notification explains the lifecycle transition and the options available to customers currently using and requiring a continued supply of the DuraCOR 8043 rugged mission computer based on the 6<sup>th</sup> gen Intel® Xeon® E3 v5 'Skylake' processor.

Curtiss-Wright has invested in securing a quantity of the Last Time Buy (LTB) components to provide for the continued supply of the DuraCOR 8043 into existing opportunities. As part of Curtiss-Wright's commitment to support the lifecycle needs of our customers, we offer two support options for the affected product:

1. Continued supply based on a first-come basis, while supplies last with an end-of-service/support date of 2/28/2025 unless an extended service contract is in place.
2. Migration to a pin-compatible product, the DuraCOR 8044, based on the Intel 'Tiger Lake' processor.

Details for both options can be found below.

### ***Background***

Intel has recently announced EOL status for its E3-1515M processor (Intel "Skylake" 6<sup>th</sup> gen Intel Xeon E3 v5) earlier than previously planned and communicated. The processor is used in the DuraCOR 8043 rugged mission computer.

Due to the very late and last-minute notice by our supplier, Curtiss-Wright is prevented from offering the normal notice period for EOL/LTB notifications and processes.

Curtiss-Wright has invested in a quantity of components to provide for a continued supply for our customers.

### ***Product Affected***

The following standard COTS product is affected by this notice:

E3-1515M (6<sup>th</sup> Gen Intel Xeon E3 V5) processor-based product:

- DuraCOR 8043, SFF Mission Computer
- Additionally, customer-specific part numbers based on the above core product designs are similarly affected.

### ***Option 1 – Continued Supply based on First-Come Basis***

Curtiss-Wright will continue to manufacture the DuraCOR 8043 for customers, and orders will be processed on a first-come, first-served basis until the general stock of components is exhausted.

## ***Option 2 – Migration to the DuraCOR 8044***

The DuraCOR 8044 is in development and is the planned migration path for the DuraCOR 8043. Equipped with a newer, higher-performance Intel processor, identical form, fit and function, and pin compatibility, the DuraCOR 8044 technology refresh is designed to be a drop-in replacement for the DuraCOR 8043. While the 'Skylake' processor EOL was communicated to Curtiss-Wright last minute and earlier than previously planned and communicated, the DuraCOR 8044 has been in design and work is being accelerated.

The DuraCOR Mark 1, an EAU unit is currently available for order with the fully qualified production version planned for orders in Q3 2024.

Comparison:

- DuraCOR 8043 – 6<sup>th</sup> Gen Intel Xeon E3 V5 'Skylake'
  - Quad-core (8-thread) E3-1515M v5 at 2.8 GHz with turbo up to 3.7 GHz
  - 32 GB DDR4 ECC RAM, Intel Iris Pro Graphics (GT4e)
- DuraCOR 8044 – 11<sup>th</sup> Gen Intel Xeon W 'Tiger Lake-H'
  - 8-core (16-thread) W-11865MRE at 2.8 GHz with turbo up to 4.5 GHz
  - 32 / 64 / 128GB DDR4 ECC RAM, Intel Iris<sup>®</sup> Pro Xe GPU
- Both – technology refresh to provide a minimal effort migration path by design
  - Pinout Compatible – existing cables will continue to work
  - IP67 rugged chassis with Mini- PCIe and PCIe104 I/O card expansion
  - 28 VDC MIL-1275/704 and DO-160 power supply with transient protections and 50/200 ms hold-up, redundancy options
  - MIL-STD-810, DO-160, MIL-STD-461 qualification (EMI, thermal, shock, vibration, altitude, humidity, etc.)

Ask your sales representative for the preliminary datasheet for the DuraCOR 8044.

## ***Terms & Conditions***

Purchase orders should be placed using the normal channels. Products will ship with a last service date of 2/28/2025. Curtiss-Wright may elect to decline a purchase order if sufficient parts cannot be sourced.

## ***For More Information***

For any questions related to this notice, please contact your Curtiss-Wright sales representative or Program Manager.

We urge customers with programs that are unable to migrate to submit an order for the remainder of their serial production and in-service support needs. Curtiss-Wright has made a significant investment into securing stock, but due to the value of the processor assembly, supply is extremely limited and forecast to be in high demand.

Sincerely,

Jeff Evans  
Senior Product Manager

Defense Solutions Division  
**Curtiss-Wright**