

PRODUCT NOTICE # PCN-1011-03 rev A1

Date Issued	20 May 2020
Products Affected	Parvus DuraCOR 8041 (all C8041-xxx part numbers)
Purpose of Notification	END OF LIFE NOTICE Last Time Buy Notice Product Migration Options

SUMMARY

This is notification for the planned End of Life (EOL) of the DuraCOR 8041 4th Gen Core i7 mission computer and all customer-specific derivatives. **The last day to order the affected product is 1 December 2020.** New orders are non-cancellable and non-returnable. All products must be shipped by 1 June 2021. 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. Product migration options are also detailed on replacing this product.

KEY DATE SUMMARY

End of Sale Announcement	20 May 2020
Last Time Buy Date	1 December 2020
Last Time Ship Date	1 June 2021
End of Service/Support Date	1 June 2022

REASON FOR EOL

Key components used by the DuraCOR 8041 processor card (based on 4th Gen Intel Core i7-4700EQ CPU with Intel GT2-4600 GPU) and MIL-STD-704/1275 DC/DC converter power supply card are approaching end of life and will soon become unavailable to support ongoing manufacturing.

PRODUCT MIGRATION OPTIONS

Customers are encouraged to migrate to the Parvus DuraCOR 8043, which features a newer, higher performance Intel CPU (Xeon E3v5) and GPU (Iris Pro P580) along with double the RAM memory capacity (32GB with ECC) and more advanced MIL-STD-1275/704/DO-160 power supply. The base 8043 standard product shares the same chassis form factor and connectors as the legacy 8041, and was qualified to the same (or greater) MIL-STD-810, MIL-STD-461 and DO-160 environmental and EMI conditions. While many 8043-based system variants will be mechanically drop-in compatible and electrically pin-for-pin compatible, the 8043 will not natively support a VGA display output like the 8041 (since newer Intel chipsets have dropped VGA support) and some mechanical size changes may be required if third-party add-on I/O cards introduce internal mechanical interference.

ACTION REQUIRED

Curtiss-Wright encourages customers to assess program requirements and make last time purchases of the DuraCOR 8041 no later than 1 December 2020, while the legacy Intel Haswell Core i7 CPU module is still available.



AFFECTED PRODUCTS

Ordering Codes	Description
All Parvus DuraCOR 8041 mission computer products with part numbers beginning with "C8041"...and all variants	
C8041-000	DuraCOR 8041, No mSATA SSD
C8041-000-100	DuraCOR 80-41, No mSATA SSD, Custom BIOS
C8041-001	DuraCOR 8041, No mSATA SSD, One-Slot Removable 2.5" SSD Segment (2.5" SSD Sold Separately)
C8041-002	DuraCOR 8041, No mSATA SSD, Two-Slot Removable 2.5" SSD Segment (2.5" SSDs Sold Separately)
C8041-005	DuraCOR 8041, No mSATA SSD, 100K Insertion One-Slot Removable 2.5" SSD Segment (2.5" SSD Sold Separately)
C8041-006	DuraCOR 8041, No mSATA SSD, 100K Insertion Two-Slot Removable 2.5" SSD Segment (2.5" SSDs Sold Separately)
C8041-0A0-100	DuraCOR 8041, 64GB mSATA SSD VxWorks OS, 2x CAN BUS
C8041-0A1	DuraCOR 8041, 64GB mSATA SSD-no OS, One-Slot Removable 2.5" SSD Segment (2.5" SSDs Sold Separately)
C8041-0A2	DuraCOR 8041, 64GB mSATA SSD-no OS, Two-Slot Removable 2.5" SSD Segment (2.5" SSDs Sold Separately)
C8041-0A5	DuraCOR 8041, 64GB mSATA SSD-no OS, 100K Insertion One-Slot Removable 2.5" SSD Segment (2.5" SSDs Sold Separately)
C8041-0A6	DuraCOR 8041, 64GB mSATA SSD-no OS, 100K Insertion Two-Slot Removable 2.5" SSD Segment (2.5" SSDs Sold Separately)
C8041-0B1	DuraCOR 8041, 128GB mSATA SSD-no OS, One-Slot Removable 2.5" SSD Segment (2.5" SSDs Sold Separately)
C8041-0B2	DuraCOR 8041, 128GB mSATA SSD-no OS, Two-Slot Removable 2.5" SSD Segment (2.5" SSDs Sold Separately)
C8041-0B5	DuraCOR 8041, 128GB mSATA SSD-no OS, 100K Insertion One-Slot Removable 2.5" SSD Segment (2.5" SSDs Sold Separately)
C8041-0B6	DuraCOR 8041, 128GB mSATA SSD-no OS, 100K Insertion Two-Slot Removable 2.5" SSD Segment (2.5" SSDs Sold Separately)
C8041-0C1	DuraCOR 8041, 256GB mSATA SSD-no OS, One-Slot Removable 2.5" SSD Segment (2.5" SSDs Sold Separately)
C8041-0C2	DuraCOR 8041, 256GB mSATA SSD-no OS, Two-Slot Removable 2.5" SSD Segment (2.5" SSDs Sold Separately)
C8041-0C5	DuraCOR 8041, 256GB mSATA SSD-no OS, 100K Insertion One-Slot Removable 2.5" SSD Segment (2.5" SSDs Sold Separately)
C8041-0C6	DuraCOR 8041, 256GB mSATA SSD-no OS, 100K Insertion Two-Slot Removable 2.5" SSD Segment (2.5" SSDs Sold Separately)
C8041-0D0	DuraCOR 8041, 64GB mSATA SSD-Linux
C8041-0D0-00-03	DuraCOR 8041, 64GB mSATA SSD-Linux, 1x 2-channel Mini-PCIE 1553 DDC
C8041-0D0-102	DuraCOR 8041 Mission Computer, Intel 4th Gen Core i7, 64GB mSATA SSD-Linux OS, 2x CAN BUS



C8041-0D0-105	DuraCOR 8041, 64GB mSATA SSD-Linux, integrated Acces IO mPCIe COM-4SM module
C8041-0D0-106	DuraCOR 8041 Mission Computer w/64GB Internal mSATA SSD-Linux OS, Olive-Drab Cadmium Finish DTL-38999 I/O connectors, Nickel Fluorocarbon Polymer Finish Power Connector
C8041-0D1	DuraCOR 8041, 64GB mSATA SSD-Linux, One-Slot Removable 2.5" SSD Segment (2.5" SSDs Sold Separately)
C8041-0D1-05	"DuraCOR 8041, 64GB mSATA SSD-Linux, One-Slot Removable 2.5" SSD Segment, 1x 4-Channel ARINC 429 Mini-PCIe
C8041-0D1-100	DuraCOR 8041 Mission Computer w/64GB Internal mSATA SSD-Linux, 4x CAN Bus, One-Slot Removable 2.5" SSD Segment
C8041-0D2	DuraCOR 8041, 64GB mSATA SSD-Linux OS, Two-Slot Removable 2.5" SSD Segment (2.5" SSDs Sold Separately)
C8041-0D4-100	DuraCOR 8041, 64GB mSATA SSD-Linux, Fixed 2.5" SSD Segment w/ 2x 512GB Industrial MLC Flash SSDs-no OS, 2x GbE Mini-PCIe)
C8041-0D5	DuraCOR 8041, 64GB mSATA SSD-Linux, 100K Insertion One-Slot Removable 2.5" SSD Segment (2.5" SSDs Sold Separately)
C8041-0D51-00-07	DuraCOR 8041, NO mSATA, 1x 2-channel Mini-PCIe 1553, 1x 6-channel ARINC-429 DDC, 100K Insertion One-Slot Removable 2.5" SSD Segment (2.5" SSDs Sold Separately), 50ms Power Hold-up
C8041-0D6	DuraCOR 8041, 64GB mSATA SSD-Linux OS, 100K Insertion Two-Slot Removable 2.5" SSD Segment (2.5" SSDs Sold Separately)
C8041-0E0	DuraCOR 8041, 64GB mSATA SSD-WIN7
C8041-0EE-100	DuraCOR 80-41, 64GB mSATA, Win7, Fixed 2.5" SSD Segment w/ 1x Innodisk, MLC-based 1TB 2.5" SSD, EPIX Card
C8041-0F0	DuraCOR 8041, 128GB mSATA SSD-Linux
C8041-0F2	DuraCOR 8041, 128GB mSATA SSD-Linux, Two-Slot Removable 2.5" SSD Segment (2.5" SSDs Sold Separately)
C8041-0F2-100	DuraCOR 8041, 128GB mSATA SSD-Linux, Two-Slot Removable 2.5" SSD Segment (2.5" SSDs Sold Separately)
C8041-0F6	DuraCOR 8041, 128GB mSATA SSD-Linux, 100K Insertion Two-Slot Removable 2.5" SSD Segment (2.5" SSDs Sold Separately)
C8041-0G0	DuraCOR 8041, 128GB mSATA SSD-Win7
C8041-0G0-100	DuraCOR 8041, 128GB mSATA SSD & 480GB mSATA SSD-Win7
C8041-0G1	DuraCOR 8041, 128GB mSATA SSD-WIN7, One-Slot Removable 2.5" SSD Segment (2.5" SSDs Sold Separately)
C8041-0H0	DuraCOR 8041, 256GB mSATA SSD-Linux
C8041-0H0-00-03	DuraCOR 8041, 256GB mSATA SSD-Linux, 1x 2-channel Mini-PCIe 1553 DDC
C8041-0H0-100	DuraCOR 8041, 256GB mSATA SSD-Linux, Wi-Fi module
C8041-0J0	DuraCOR 8041, 256GB mSATA SSD-Win7
C8041-0K0	DuraCOR 8041, 512GB mSATA SSD-Linux
C8041-0L0	DuraCOR 8041, 512GB mSATA SSD-Win7
C8041-0S0	DuraCOR 8041, 64GB mSATA SSD Linux CentOS 7



C8041-0S1	DuraCOR 8041 Mission Computer, 64GB mSATA SSD-CentOS 7, One-Slot Removable 2.5" SSD Segment (2.5" SSDs Sold Separately)
C8041-100-100	DuraCOR 8041, 256GB mSATA SSD, 3x FG, custom cable, ITAR
C8041-101-100	DuraCOR 8041, no mSATA, 1x Expansion Segment with Novatel OEM 729 L1/L2 GPS Receiver, GbE Mini-PCIe, 1-slot removable SSD segment (2.5" disk sold separately)
C8041-106-100	DuraCOR 8041 Mission Computer, no mSATA SSD, 1x PC104 Expansion, SWI-22-10 switch, 100K Insertion 2-Slot removable 2.5" SSD, 512GB SSD with WIN7, 512GB SSD no OS
C8041-1D0	DuraCOR 8041, 64GB mSATA SSD Linux OS, 1x PC104 Expansion Segment
C8041-1D0-100	Modified DuraCOR 8041 Mission Computer, 64GB mSATA SSD-Linux OS, 1x PC104 Expansion Segment, 2x ARINC429 Mini-PCIe, H.264 Video Encoder
C8041-1D0-104	DuraCOR 80-41, 64GB mSATA SSD Linux OS, 1x PC104 Expansion Segment, AIO, DIO, RS232
C8041-1D1	DuraCOR 8041, 64GB mSATA SSD Linux OS, 1x PC104 Expansion Segment, One-Slot Removable 2.5" SSD Segment (2.5" SSD Sold Separately)
C8041-1D1-100	"DuraCOR 8041, 64GB mSATA SSD Linux OS, 1X SWI-22-10, 1X Removable 2.5" SSD Bay (2.5" SSD Sold Separately)
C8041-1D1-101	DuraCOR 8041, 64GB mSATA SSD-Linux OS, 1-Slot Removable 2.5" SSD Segment with 1 TB MLC SSD (no OS), 1x PCIe104 Expansion Segment, DIO Change of State Mini-PCIe, Ethernet switch, 7 serial ports
C8041-1D2	DuraCOR 8041 Mission Computer, 64GB mSATA SSD Linux OS, 1x PC104 Expansion Segment, Two-Slot Removable 2.5" SSD Segment (2.5" SSD Sold Separately)
C8041-1E0	DuraCOR 8041, 64GB mSATA SSD Win7 OS, 1x PC104 Expansion Segment
C8041-1E0-101	DuraCOR 8041 Mission Computer w/64GB Internal mSATA SSD-Win 7 OS, 1TB 2.5" Removable SSD, 1x PC104 Expansion Segment, Added Features: 2x ARINC 429, 1x 1553, 1x 10/100/1000 Ethernet, 0-12V DIO
C8041-1E0-102	DuraCOR 8041, 64GB mSATA SSD-Win7, 1x PC104 Expansion Segment, 8-port GigE Switch, WiFi
C8041-1E1	DuraCOR 8041, 64GB mSATA SSD-Win7 OS, 1x PC104 Expansion Segment, 1x Removable 2.5" SSD Segment
C8041-1G0-100	DuraCOR 8041,128GB mSATA SSD-WIN7, One-Slot Removable 2.5" SSD Segment, NVIDIA 950M GPU, Add-on 2x GbE Ethernet NIC
C8041-1H0	DuraCOR 8041, 256GB mSATA-Linux OS, 1x PC104 Expansion Segment
C8041-1J0-100	DuraCOR 80-41, 256GB mSATA SSD-Win7, 1x PC104 Expansion Segment, w/ BT, AI, DIO, CAN, 429, HDMI, Audio
C8041-2D0	DuraCOR 8041, 64GB mSATA SSD Linux OS, 2x PC104 Expansion Segments



C8041-2D1	DuraCOR 8041, 64GB mSATA SSD Linux OS, 2x PC104 Expansion Segments, One-Slot Removable 2.5" SSD Segment (2.5" SSD Sold Separately)
C8041-2D2	DuraCOR 8041, 64GB mSATA SSD Linux OS, 2x PC104 Expansion Segments, Two-Slot Removable 2.5" SSD Segment (2.5" SSDs Sold Separately)
C8041-2D2-01-BIAM	DuraCOR 8041 Mission Embedded Controller, 64GB mSATA SSD, Linux, 2x PC104 Expansion Segments, Two-Slot Removable 2.5" SSD Segment, Integrated SWI-22-10 GbE Switch
C8041-2E0	DuraCOR 8041, 64GB mSATA SSD Win7 OS, 2x PC104 Expansion Segments
C8041-2E0-100	C8041, 64GB mSATA SSD Win7, 2x Exp, 8x SWI, 1x IRIG, 2x 1553, 2x Sync Serial
C8041-2E0-101	DuraCOR 80-41 Mission Computer w/64GB Internal mSATA SSD-WIN7 OS, 2x PC104 Expansion Segment, 1553, 429, STANAG
C8041-2E2	DuraCOR 8041, 64GB mSATA SSD Win7 OS, 2x PC104 Expansion Segments, Two-Slot Removable 2.5" SSD Segment (2.5" SSDs Sold Separately)
C8041-2G0-100	DuraCOR 8041 Mission Computer, 2x Exp, 128GB mSATA, Win7, SWI-20-10 ring, HDSDI FG, ARINC 429, Nvidia 950M

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. Factory contact information follows:

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