COBALT™ 901

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COBALT™ 901|400 Series with MIL-STD-1553

- ▶ Small form factor, IP67 sealed unit, no ITAR restrictions
- ▶ Intel® Quad-Core™ E3-1505L, 1.7 GHz, 32 GByte ECC RAM
- ▶ L2 Ethernet Switch, removable SSDs
- ▶ MIL-STD-1553A/B, Two Dual Reduandant Channels
- ▶ Extended temperature -40 °C to 71 °C

POSSIBILITIES START HERE

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TECHNICAL INFORMATION

FORM FACTOR		Small form factor, IP67 sealed
PROCESSOR		Intel® Quad-Core™ E3-1505L, 1.7 GHz
DRAM		32 GByte DDR4-2133, ECC
OPERATING SYSTEM		Linux Ubuntu 16.04 LTS; Support for Windows
SECURITY		TPM 2.0 On board
STORAGE		128 GByte fixed storage (OS & application) Optional Storage: Removable SSD (separate ordering options)
ETHERNET PORTS		2x 10/100/1000BT Direct Ethernet Ports 4x 10/100/10000BT Switch Ethernet Ports
ETHERNET SWITCH		L2 Managed Ethernet Switch
MIL-STD-1553		MIL-STD-1553A/B, Two Dual Redundant Channels
SERIAL, DISCRETES		8x GPI (In), 4x GPO (Out) and 12x GPIO, (SE) LVTTL 4x Serial Ports configurable for RS422 and/or RS485 (user configurable)
AUDIO		2x Differential Out; 1x Single End (SE) Out 4x Single End (SE) In
VIDEO		VGA (maintenance port) HDMI/DVI
USB		3x USB 2.0 1x USB 3.0
POWER		+18 VDC to +36 VDC (40 W nominal)
ENVIRONMENT	VIBRATION SHOCK EMI/RFI TEMPERATURE	Sealed Unit, IP67 5 Hz to 2000 Hz, Random, 1hr each axis, 8.21 GRMS Power Spectrum Density 40 g, 11ms sawtooth MIL-STD-461E, MIL-STD-1275D, MIL-STD-704, RTCA/DO-160F, Section 20-21 -40 °C to +71 °C
WEIGHT		7.3 lbs (3.3 kg)
DIMENSIONS		8.5" (216 mm) W x 5.6" (142 mm) D x 3.9" (99 mm) H
SOFTWARE SUPPORT		Windows, Linux, Optional Power Built-in-Test (PBIT), For other requirements, contact factory

ORDERING INFORMATION

ARTICLE	PART NO.	DESCRIPTION
COBALT 901	78510901-403	LRU, COBALT 901, E3-1505L, MIL-STD-1553
CABLE KIT, LAB	1060-4380	901 Cable Kit, P1, P2, P3, P4, P5
	78510901-453	P6 Ethernet Cable, COBALT 1553
RSSD	5160550-2	RSSD, 128 GByte
	5160550-3	RSSD, 256 GByte
	5160550-4	RSSD, 512 GByte
	5160550-5	RSSD, 1 TByte

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