

COBALT™ 901



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- ▶ small form factor, IP67 sealed unit
- ▶ Intel Dual-Core i5-4422E, 1.8 GHz, 16GB ECC RAM
- ▶ 2x GbE, HDMI, USB 3.0 interfaces
- ▶ Removable storage option, supports two RSSDs

▶ TECHNICAL INFORMATION

PROCESSOR	Intel® Dual-Core™ i5-4422E, 1.8 GHz
DRAM	16GB DDR3, ECC
OPERATING SYSTEM	Linux Ubuntu 16.04 LTS; Support for Windows
SECURITY	TPM 2.0 On board
STORAGE	128GB fixed storage (OS & application) Optional Storage: Removable SSD (separate ordering options)
ETHERNET PORTS	2x 10/100/1000BT Direct Ethernet Ports
SERIAL, DISCRETES	8x GPI (In), 4x GPO (Out) and 12x GPIO, (SE) LVTTL 4x Serial Ports configurable for RS422 and/or RS485 (user configurable) 2x RS232 Remote Battery (RTC) power pins
AUDIO	2x Differential Out; 1x Single End (SE) Out 4x Single End (SE) Inputs
VIDEO	VGA (maintenance port) HDMI
USB	3x USB 2.0 (1A) 1x USB 3.0 (1A)
POWER	+28VDC (+18VDC to +36VDC) power input with integrated EMI filter 30W nominal
ENVIRONMENT	
VIBRATION	5 Hz to 2000 Hz, Random, 1hr each axis, 8.21 GRMS Power Spectrum Density
SHOCK	40g, 11ms sawtooth
EMI/RFI	MIL-STD-461E, MIL-STD-1275D, MIL-STD-704, RTCA/DO-160F, Section 20-21
TEMPERATURE	-40C to +71°C
WEIGHT	7lbs (3kg)
CONNECTORS	Circular IP67 locking connectors
DIMENSIONS	8.5" (216mm) W x 5.6" (142mm) D x 3.9" (99mm) H

▶ ORDERING INFORMATION

PART NO.	DESCRIPTION
78510901-102	COBALT 901, Front Removable SSDs
1060-4380	Lab External I/O Cable Kit (P1, P2, P3, P4, P5) cable assemblies
5160550-2	RSSD, 128GB
5160550-3	RSSD, 256GB
5160550-4	RSSD, 512GB
5160550-5	RSSD, 1TB

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