



TRICOR10NV-R



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Rugged Compact Computer with Intel i7 9th Generation

DESCRIPTION

The TRICOR10NV-R Rugged Compact Computer built with Intel i7 9th Generation Processor with inbuilt Screen recorder. It is constructed with Light weight airborne HE30 grade aluminum alloy housing. The Mil Connectors are available on side for easy access The Unit has console mountable provisions and meets MIL-STD 810F and MIL-STD 461E Standards to suit any application that need a rugged solution.

TECHNICAL SPECIFICATIONS

Processor	Intel® i7 9th Gen HEXA CORE CPU @ 2.7 / 4.4 GHZ	
Graphics	Intel UHD Graphics630, Resolution Upto 1920 x 1200	
Memory	Up to 64 GB	
Storage	512 GB SATA SSD	
RECORDER	Inbuilt screen recorder	
INTERFACES ON MIL-DTL-38999 III	1 x DVI Port supports resolution up to 1920x1200 4 x USB, 2 x RS232/RS422 3 x Gigabit Ethernets, 2 x Audio I/P 1 x Lin In from Recorder Unit, Mic In, Lin Out and HP Out from Processor, 1 x Power I/P	
POWER INPUT	18-36 V DC/ 230 V AC INPUT	
Power Consumption	<100W	
SOFTWARE	RHEL 7.x or above, WINDOWS 10	
Protection Class	IP 54/ IP65	
DIMENSIONS	310 (W) x 85 (H) x 255mm (D) ±10mm	
WEIGHT	<5KG	
ENVIRONMENT	OPERATING TEMPERATURE	-20°C TO +55°C
	STORAGE TEMPERATURE	-30°C to +70°C
	RELATIVE HUMIDITY	5 to 95% RH, non-condensing,
	VIBRATION	20Hz to 2000Hz, PSD: 0.04g ² /Hz
	SHOCK	15g, 11ms, Crash Safety 30g, 11ms
	EMI/EMC	MIL STD 461E
OPTIONAL	Multi I/O	GPIO/CAN/1553/ARINC

ORDERING INFORMATION:

TRICOR10NV-RC-46-A-2-A-1-XX



SBC	Description
PIP 49	Intel Xeon E2276ME Processor
PIP 46	Intel Corei7 9th Generation

Ram Size	Description
A	16GB
B	32GB
C (PIP40 Family only.)	64GB

Storage	Description
1	256GB SSD
2	512GB SSD
3	1TB SSD

Add On Module	Description
1	Required
0	Not Required

Power	Description
A	230V A/C I/P
B	18-36V DC I/P