

TRICOR40-RL



www.thrikasa.in

Rugged Laptop with Intel i7 9th Generation Processor

DESCRIPTION

The TRICOR40-RL is a Rugged Laptop with a built-in 15" screen with excellent optical specifications and a core functional module based on SBC with Intel i7 9th Generation Processor. The system is constructed with , high strength, light weight Airborne HE30 grade aluminium alloy housing. Its modular architecture allows the system to be easily configurable with many options. The operational accessories such as MIL connectors are available on the back sides for easy access. The TRICOR40-RL meets the MIL-STD810F and MIL-STD461E standards, to suit any application that need a rugged solution.

TECHNICAL SPECIFICATIONS

PROCESSOR	Intel® i7 9th gen six core 2.7GHz 4.4 GHz Turbo CPU 9 MB Cache Memory	
Graphics	Intel UHD630	
MEMORY	16GB DDR3, exp. up to 64GB	
Storage	512 GB SATA SSD	
Display	15" EMI SHIELDED TFT LCD with LED BACKLIGHT, 1024 X 768 RESOLUTION, 1000 Cd/m2 BRIGHTNESS, 700:1 CONTRAST RATIO, 16.7 M COLOURS, Integrated with HD Audio	
MIL-DTL-38999 (SERIES-III) CONNECTORS	1 x GIGABIT ETHERNET ON RJ45 1 x USB2.0 ON USB 1 x MULTI IO CONNECTOR FOR USB, ETHERNET, AUDIO, SERIAL	
Keyboard	Integrated keyboard with backlit	
Power Input	18-36 V DC INPUT	
Power Consumption	< 150 W	
Battery	2 hours backup	
SOFTWARE	WINDOWS10, RHEL 7. or above	
Dimensions	380 (W) x 315 (D) x 77 (H) mm	
Weight	7.5 Kg approx	
ENVIRONMENT	TEMPERATURE	Operating -20°C to +60°C; Storage -30°C to +70°C
	HUMIDITY	95% Humidity , @40°C
	SHOCK	50G VERTICAL, 22G HORIZONTAL HALF SINE @ 11MS
	VIBRATION	SINUSOIDAL FREQ RANGE: 5-33 HZ, +/-0.125 mm, CONSTANT, DISPLACEMENT
	EMI/EMC	MIL-STD-461E CE101, CE102, RE101, RE102, CS114, CS116, RS101 and RS103
OPTIONAL	MULTI I/O	CAN/1553/ARINC

ORDERING INFORMATION:

TRICOR40-RL-40-A-2-A-1-XX

SBC	Description
PIP 40	Intel Core i7 9th Generation

Add On Module	Description
1	Required
0	Not Required

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

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

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