

TRICOR15



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15" Rugged Panel Computer TRICOR15
with Intel Atom to Corei7 9th Generation & Xeon Processor

General Description

The TRICOR15 is Rugged Panel Computer with Built in 15" High Brightness Rugged Display. The System is based on High Strength Light Weight Airborne grade HE30 Aluminum alloy Housing. The Fan less design helps in noise less operation and increase the Reliability and gives System longer MTBF. The System is based on the MIL Grade Connectors and have the Mounting Provision suitable for Desktop, Table Top and Console Mount which is suited for the application needs a Rugged and Reliable Solution.



Technical Features:

Processor	Intel Atom Quad Core	Intel Corei7 9th Gen & Xeon Intel
Graphics Memory	8GB DDR4 expansion up to 32 GB	
Graphics	HD-Graphic for Intel Atom	Intel UHD Graphics 630
Memory	8GB DDR4 expansion up to 32 GB	16GB DDR4 expansion up to 64GB
	STORAGE	512GB SSD
	DISPLAY	15.1" LED Backlight LCD Display 1024 x 768 Resolution 1000 cd/m2 Brightness 700:1 or above contrast Ratio 16 Million Colors 160° (H) /160° (V) Viewing Angle
	Interfaces on MIL-D38999III	1 x Power 1 x DVI Port 3 x USB Ports 2 x Gigabit Ethernet Ports (More LAN on Request) 2 x RS232 Ports 1 x SMA Connector for GPS Cable/Antenna
	SOFTWARE	Windows10 RHEL 7.8 or above & Latest Linux OS.
	TPM	Trusted Platform Supports TPM2.0
	POWER	Internal power supply unit capable of inputting 230 V AC, 50 Hz, single phase / 18-36VDC
	Dimensions	415mm (W) x 350mm (H) x 100mm (D) ± 5mm
	MOUNTING	Provisions for Rack, Wall & Table Mount with its Kits
	Optional :	(1) GPS Module (2) Integrated HD Audio (3) Integrated with 30 Minutes battery backup (4) Touch Screen Optional (5) CAN BUS Module
	ENVIRONMENT	Operating Temperature: -20°C TO +60°C Storage Temperature: -40°C TO +70°C Humidity: 5 to 95% RH, Non-condensing Altitude: 3024m Shock : 40G @ 11ms Vibration : Sinusoidal Vibration Frequency Range: 5 to 8 Hz; ±6 mm constant displacement, 8 to 500 Hz; ±15 m/s ² constant acceleration No of Axis: 3, Duration: 2 Hr/axis EMI/EMC: MIL-STD-461E CE102 10 kHz to 10MHz, CS101 30Hz to 150 kHz CS114 10 kHz to 200MHz CS115 CS116 10 kHz to 100MHz RS103 2MHz to 1GHz & 1GHz to 8GHz RE103 2MHz to 18GHz

ORDERING INFORMATION:

TRICOR15-RC-46-A-2-A-1-XX

SBC	Description
PIP 49	Intel Xeon E2276EM Processor
PIP 46	Intel Corei7 9th Generation
CEC 20	Intel Atom

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