

# TRICOR8



## TRICOR8

8.4" Rugged Panel PC with Intel Atom Quad Core

## DESCRIPTION

The TRICOR8 is a Rugged Panel PC with a built-in 8.4" screen and latest SBC. 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 fanless design helps in noiseless operation, increases reliability, and gives the system a longer MTBF. The operational accessories such as MIL connectors have easy access. The TRICOR8 meets the MIL-STD-810F and MIL-STD461E standards, to suit any application that need a rugged solution .



## TECHNICAL SPECIFICATIONS

Processor	Intel® Atom Quad Core up to 3GHz Processor Speed.	
Graphic	HD-Graphic for Intel Atom	
Memory	8GB DDR3 ECC RAM, exp. Up to 32 GB	
Storage	512 GB SATA SSD	
Display	8.4" (Diagonal) TFT LCD Display, Resolution: 800x600 Display Color: 16M Colors, Brightness: 300 nits Viewing Angle: 170o, Analog Resistive Touch	
Keypad/ Switch	On Screen Display (OSD) Keypad , 1 x Power ON/OFF Switch	
MIL-DTL-38999 (series-III) Connectors	1 x 37-Pin Circular Connector (J1) 2 x USB Connector (On Front Panel) 1 x Gigabit Ethernet Connector (J2) 1 x RS232 Serial Connector (J3) 1 x 28V DC I/P Connector (J4)	
Power Input	115/230 VAC / 18-36 VDC input	
Power Consumption	<40W	
Software	Windows 10 Professional / RHEL 7 Workstation	
Dimensions	210mm x 210mm x 35mm (Front Panel) 170mm x 119mm x 106mm (Panel Cutout)	
Weight	5.0 Kgs +/- 0.5	
Shade	Light Admiralty Grey (Semi - Glossy) Powder Coated	
Material	Aluminum Alloy Construction	
Mounting	Panel Mount	
ENVIRONMENT	TEMPERATURE	Operating : -20°C to +60°C Storage : -40°C to +70°C
	SHOCK	20g , 11ms
	HUMIDITY	95% @ 40°C, Non-Condensing, Operating and Storage
	ALTITUDE	Up to 15000 ft. Operating, Non-Operating
	SALT FOG/SAND DUST	Unit is 100% Enclosed, Resistant to Salt Fog, Fungus
	VIBRATION	2.25grms Random
	EMI/EMC	MIL-STD461E
	INGRESS PROTECTION	IP-65 on Front Panel
OPTIONAL	TOUCH	Analog Resistive touch screen



[www.thrikasa.in](http://www.thrikasa.in)

## ORDERING INFORMATION:

TRICOR8-RC-20-A-2-A-1-XX

SBC	Description
CEC 20	Intel Atom

Ram Size	Description
A	8GB
B	16GB
C	32GB

Storage	Description
1	256GB SSD
2	512GB SSD

Add On Module	Description
1	Required
0	Not Required

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