



**10" Rugged Panel PC with Intel Atom up to i7
9th Generation & Xeon Processor**

DESCRIPTION

The TRICOR10GC 10" Rugged Panel PC is integrated with 10" display. The system is constructed Light weight Aluminum alloy 6082 housing. With Mil Connectors The Unit has Joystick and meets MIL-STD 810F and MIL STD 461E Standards to suit any application that need a rugged solution .



THRIKASA
An ISO 9001:2015 Certified Company

TRICOR10GC



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TECHNICAL SPECIFICATIONS

	TRICOR10GC-10	TRICOR10GC-40
Processor	Up to Intel® Atom Quad Core	Up to Intel® i7 9th Gen Hexa Core CPU @ 2.7/4.4 GHz , Xeon Hexa core CPU @ 2.8 to 4.5 Ghz
Graphics	HD-Graphic for Intel Atom	Intel UHD Graphics 630
Memory	Up to 32GB DDR4 RAM	upto 64GB DDR4 RAM
Storage	512GB SATA SSD	
Joystick	Integrated with Ergonomic multifunction joysticks	
Trackball	Integrated with 13mm LASER TRACKBALL MODULE	
Display	10" LED Backlight LCD Display, Resolution: 1024x768 (XGA), Display Color: 16M Colors Brightness: 800 cd/m2(Sun Light Readable), Contrast Ratio: 500:1,Viewing Angle: 160 degree(H), 160 degree(V)EMI Protected Resistive Touch Screen with Surface Protection & Optical Bonding	
KEY Pad/Switches	OSD Keypad (1 x Power Reset, 2 x Brightness Adjust Keys) 1 x Console Power ON/OFF Switch 1 x Emergency NC Switch, 1 x DPDT ARM Switch 1 x Momentary Fire Switch with Protective Cap, 1 x SPDT Gun Power Toggle Switch 1 x Momentary Push Button Switch (Spare) 1 x Toggle Switch Spare, 1 x DPDT Key Switch	
INTERFACES ON MIL-DTL-38999 III	1 x D38999/20WB99PN Connector for Power Input 1 x RJFTV22G00 MIL Connector for Ethernet 1 x D38999/20WD19PN Connector for Control Signal 1 x USBFTV22G MIL Connector for USB	
Power Input	18-36 V DC/ 230 V AC INPUT	
Power Consumption	< 80W	
Software	RHEL 7.x or above, WINDOWS 10	
Dimensions	375mm (W) x 105mm (H) x 320mm (D) Excluding connectors and mounting accessories	
Weight	< 7Kg approx	
Shade	Graphite Grey Matt (RAL 7024) / Light Grey Matt (RAL 7035) for Back Cover	
Material	Aluminum Alloy 6082 Material Construction	
Environment	OPERATING TEMPERATURE	-20°C TO +55°C,
	STORAGE TEMPERATURE	-30°C TO +85°C,
	DAMP HEAT	95% RH @40°C 16hrs,
	VIBRATION	SINUSOIDAL FREQ RANGE: 5-500 HZ, , CONSTANT,
		DISPLACEMENT & ACCELARATION for 2HOURS /Axis for 3 axis
	BUMP	4000 bumps. 5 peak acceleration at 250 m/sec2 duration 6ms
	EMI/EMC	MIL STD 461E/F –CE102 ,Re102, CS101, CS 114,,CS115
Optional	TOUCH:	RESISTIVE TOUCH

ORDERING INFORMATION:

TRICOR10-GC-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