

DYNA-RPPC-1040-i5

10.4" RUGGED PANEL PC WITH TOUCHSCREEN



Features:

- Panel /VESA Mount
- Mobile/Static Application
- Low Power
- Customizable I/O's
- MIL-C-D38999 Connectors
- Complying to JSS-55555 & MIL-STD-461E/F
- Windows & Linux

Specifications

Type	Details
Motherboard	EPIC SBC with 6 th generation Intel® ULT processor supports dual channel DDR4
Processor	Intel® Core™ i5-6300U (2.4GHz, Dual Core, 3 MB cache, TDP=15W)
Memory	8GB, 2133MHz dual channel unbuffered DDR4 SODIMM
Graphics	Intel® HD Graphics Gen 9 Engine with 16 low-power execution units, supporting DX11/12, OpenGL 4.3/4.4 and OpenCL2.x, ES 2.0
I/O's	1 x RS-232/422/485, 1 x RS-422, 1 x USB3.0, 2 x USB 2.0, 2 x HDMI, 1 x 18/24-bit LVDS (1920x1080), 2 x LAN, 2 x SATA 6Gb/s with 5V SATA power connector
Power Input	Full Range 9 to 36 VDC, Revers polarity protected
Interfaces (Rear Panel)	1 x D38999, 6-pin (Power)
	2 x M12 X-Code (2 x Gigabit LAN)
	1 x M 12 Connector (2 x USB 2.0)
(Front Panel)	OSD Control, POWER ON/OFF switch, SOFT-PWR & RESET Buttons, SYS-ON & HDD LED's
O.S	Windows/Linux
Display & Touchscreen	
Size	10.4" LCD with 5 wire Resistive Touchscreen
Resolution	1024 x 768
Brightness	1000cd/m2 min
Contrast Ratio	1400:1
Viewing Angle	89°/89°(U/D), 89°/89°(L/R)
Mechanical	
Dimensions	325 (W) x 300 (H) x 100 (D) mm approx
Construction	HE30 and SS Construction
Finish	External: Powder Coating / PU Painting Internal: Chromate Coating / Electro Polish



Environmental	
Temperature	Operating: -20°C to +70°C, Storage: -30°C to +80°C
Humidity	40°C , 95% Non-condensing
Vibration	5 to 8 Hz: 6mm constant displacement, 8-500 Hz: 1.5g
Sealing	IP65 Front Panel
EMI / EMC	MIL STD 461E (CE102, CS101, CS114, CS115, CS116, RE102, RS103)
MTBF	40K hours