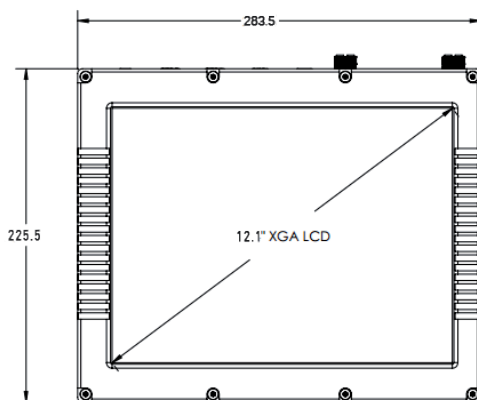
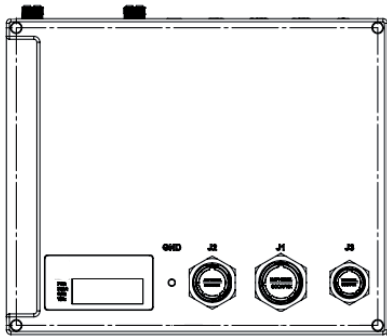


DI-PP12

The DI-PP12 is a highly rugged 12" panel designed for army vehicles and harsh navy environment. Rugged to survive severe environments, it will not be affected by heat, sand, dust, water spillage and shock. Designed around a 12.1" XGA sunlight enhanced LCD and a Multi Core ULV CPU, the rugged panel is proposed in various configurations to address most field applications.



KEY POINTS

- . Rugged durable packaging MIL standard compliant
- . Touch input display with sunlight enhancement
- . Front bezel function keys (optional)
- . Removable storage CF (optional)
- . Fully configurable to address any I/O requirement

OPTIONS

- . Lateral function keys
- . Mating cables
- . MILD 38999 connectors
- . Vehicle mount
- . Connector location and pinout allocation
- . Color
- . High bright



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CONFIGURATIONS

Power supply:	8-16 VDC, 18-36 VDC, 9-36VDC, 115VAC
CPU :	Intel® i5-4300 U
Storage :	SSD, CF, SD
LCD :	LED backlight, high bright, dimming to zero
Communications :	LAN, WLAN, Bluetooth, Wifi (Factory options, configurable as locked)
OS :	Windows, Linux
Environment :	EMI to MIL STD 461, temperature to MIL STD 810, IP ratings up to IP67, shock, vibration, humidity, Altitude to MIL STD810

EXAMPLE OF THE SUGGESTED SOLUTIONS

Processor :	Intel® i5-4300 U, 1.9 GHz, 3MB cache
Display :	12.1" TFT Active Matrix Panel, LED backlight
Max Resolution :	1024x768 (XGA) 16.2M Colors
Luminance :	500 Cd/m2 sunlight readable / enhanced TFT (up to 1000 cd/m2) with optical bonding (option)
Touch Panel :	5 wire resistive armored touch sensor (PCAP or IR sensor optional)
MMI :	2x 6 Side backlit functions keys with custom labeling, Set of user's function keys (ON/OFF, dimming, NVIS, blackout)
Memory :	DDRAM - 4GB (up to 16GB, CPU dependent)
Storage :	256 GB SSD (CF, SD, higher capacity optional)
Connectivity :	up to 6 x USB 2.0 port up to 2 x GBit Ethernet port, Serial ports (RS232, 422, 485 configurable), Discrete I/O (optional), 1 x DC-in port
Operating System :	Windows, RHE, UBUNTU
Dimensions :	L 283.5 x H 225.5 x P 48 mm
Weight :	3 Kg
Power Adaptor:	Universal AC 100V-240V, 50-60Hz input;19V, 3.4A output / 18-36VDC input

ENVIRONMENTAL PERFORMANCE

Operating Temperature :	-10 °C to 55 °C (CPU dependent) Cold start at -40°C optional - MIL STD 810 F
Storage Temperature:	-40 °C to +85 °C - MIL STD 810 F, STANAG 4370
Humidity :	95 % @ 40 deg C - MIL STD 810 F
Altitude :	0 to 45000 feet - MIL STD 810 F
Shock :	MIL-STD-810F, Method 516.5, Procedure I, par.4, Sawtooth signal 40g 11 ms
Vibration :	MIL-STD-810F, Method 514.5, Procedure I, 4G RMS
Ingress Protection :	IP65
EMC :	MIL-STD-461 E/F: CE101, CE102, CS101, CS114, RS103, CS115, CS116
POWER :	MIL STD 1275

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