Military Grade Rugged Portable Panel PC Intel Atom 8.4" Full NEMA4 Wide Temperature and Dust/water resistant Protection. CPU: Intel Celeron N2930 1.83Ghz

4GB RAM, 128GB SSD, Windows 10 IoT Enterprise, 12VDC in 38999/1 Power connector with Resistive Touch

Model: WMRDPC0840-N29

FEATURES:

- **Defence Grade Power Connector**
- **Ultra Low Power and High Performance Intel Celeron Bay Trail N2930 1.83 GHz**
- **Fanless Design**
- **High Quality 8.4" Panel, 800 x 600 Resolution**
- **Full IP65 Dust/water resistant Protection (Except I/O parts)**
- **Aluminum Housing with Anti-Corrosion Treatments**
- **Anti-Shock and Vibration Standard according to MIL-STD-810F/G & IEC60068-2-27**
- **5 Wire Resistive Touchscreen**
- **802.11 a/b/g/n Wireless LAN with Antenna (Optional)**
- **Wide Range 9 to 36 V DC Input (Optional)**

SPECIFICATIONS

DISPLAY			
Resolution	800x600	Size	8.4 inches
Contrast Ratio	600:1	Panel Brightness	600 nits
View Angles	75,75,60,70	Active Area	170.4x127.8 mm
Touch / Glass	5 Wires Resistive Touch		
SYSTEM SPECIFICATION			
Processor	Intel Celeron N2930 1.83GHz (up to 2.16GHz)	Memory	4GB SODIMM, DDR3L 1600 MHz
Storage	128GB SSD	Ethernet controller	2 x Intel® Ethernet Controller
WLAN	Support (Optional)	Operating System	Windows 10 IoT Enterprise (64 bit)
BT	Support (Optional)		
ENVIRONMENT			
Operating Humidity	10% to 95% RH	Operating Temperature	-20°C ~ 60°C
Storage Temperature	-30°C~70°C	Shock	Operating:30g for 18ms
Vibration	Operating: 1.60/1.96/2.18 g rms for XYZ / 5500Hz		
CERTIFICATION			
Certification	CE, FCC		
IO PORTS			
USB Port	1 x USB2.0 1 x USB3.0	Serial Port	1 x RS232(Default)/422/485
LAN	2 x RJ45	Video	1 x HDMI (Optional)
Indicator	1 x PWR LED 1 x HDD LED		
MECHANICAL			
Dimension	277 x 219.5 x 59.7 mm	Mounting	VESA Mount
Enclosure	Metal Housing with Aluminum Bezel	Cooling System	Fanless Design
Weight	2.3 kg		
POWER			
Power Rating	12V DC (MILDTL38999/1 connector)		
CONTROL			
Button	4 Keys: Power, Brightness Up, Brightness Down, Reset		

ACCESSORIES	
Accessories	User Manual, Driver CD and User Manual, Touch Driver CD, Open Wire Cable, 100~240V AC to DC Adapter, Power Cord

Specifications subject to change without notice, not responsible for typographical errors.
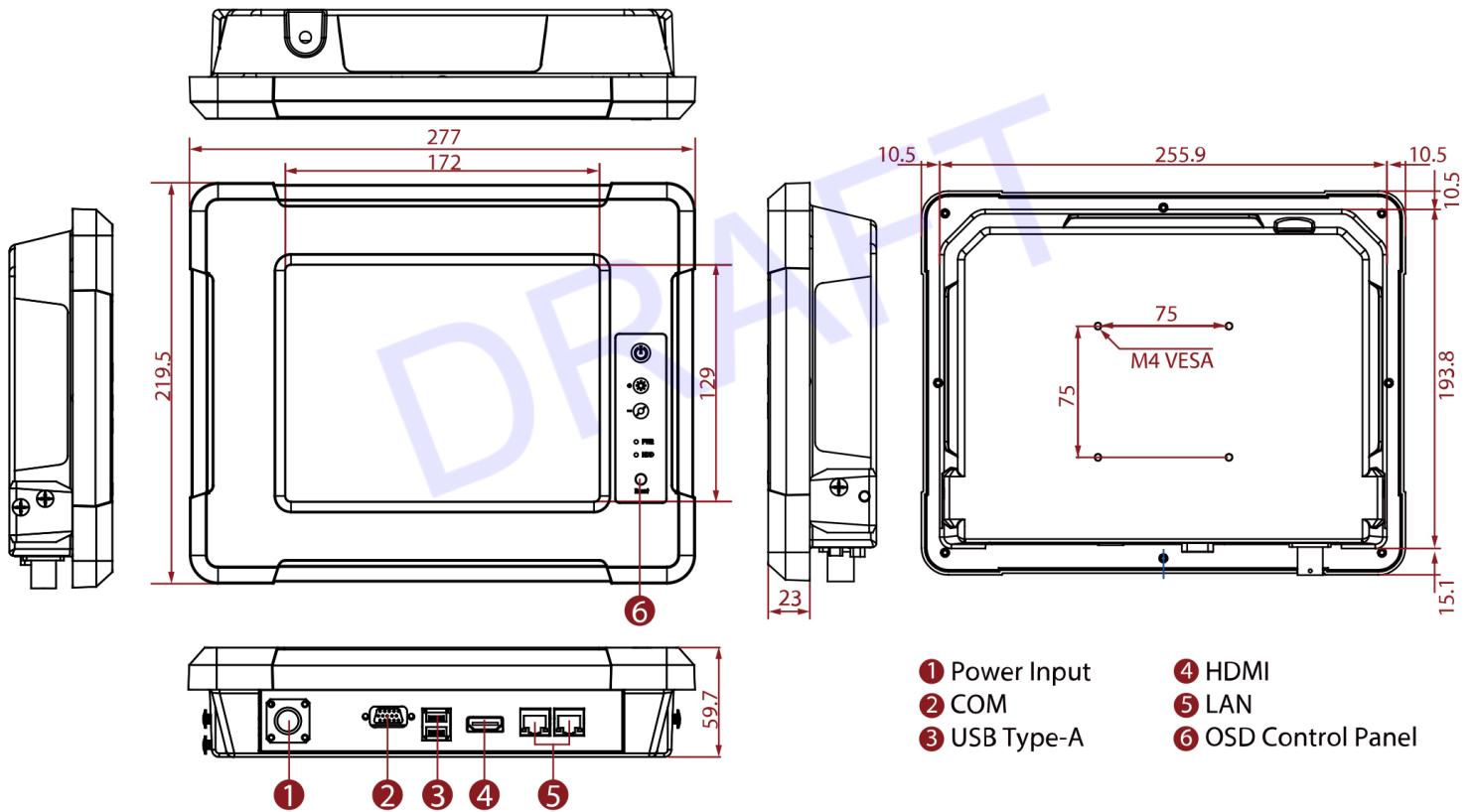
COMPLIANCE

MILSTD 461E/F/G	RE101 / RE102 CE101 / CE102 CS118 with EMI Glass / Touch(Optional) RS101 / RS 103 CS101 / CS 106 / CS 109 / CS 114 / CS 115 / CS 116	MILSTD 810G	Vibration Method 514.6 Humidity Method 507.4 Transit Drop Method516.5

MECHANICAL DRAWINGS

This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.

UNIT: MM

❶ Power Input   ❹ HDMI
❷ COM   ❺ LAN
❸ USB Type-A   ❻ OSD Control Panel

Drawing No.: WMRDPC0840-N29-01042024