

# Main Battle Tank (MBT) Tactical Computer

## For the Tactical Battlefield



MIL-STD-810G  
MIL-STD-461F  
MIL-STD-1275  
IP65

Based on Panasonic FZ-G1 10" Windows OS Tablet

- Fully Ruggedized, high-performance tactical computer, based on Panasonic FZ-G1 Tablet
- Meets the requirements for tanks, artillery and APC
- Complies with MIL-STD 810, 461, 1275 and IP65
- Includes a wide range of interfaces

# RVD-MZ11-G1-W

OPERATING SYSTEM	<ul style="list-style-type: none"> <li>Windows 10 Pro 64 bit</li> </ul>
DURABILITY	<ul style="list-style-type: none"> <li><b>Temperature</b>, MIL-STD-810G, Method 501.5 &amp; 502.5 Operating -20° F to +140° F Non Operating -60° F to +160° F</li> <li><b>Humidity</b>, MIL-STD-810G, Method 507.5</li> <li><b>Vibration</b>, MIL-STD-810G, Method 514.6 (Tested for M-113 APC, Namer APC, Merkava MBT)</li> <li><b>Shock</b>, Functional: MIL-STD-810G, Method 516-6, Proc.I 40G 11ms, Saw-Tooth GunFire: MIL-STD-810E, Method 516-4, Proc.I 100G 6ms, Saw-Tooth</li> <li><b>EMI/RFI</b>, MIL-STD-461F</li> <li><b>Ingress Protection Rating</b>, IP65 Front, IP67 Back</li> <li><b>Chassis</b>, Aluminum (Docking)</li> <li><b>Connectors</b>, MIL-STD - D38999</li> </ul>
CPU	<ul style="list-style-type: none"> <li>Intel® Core™ i5-7300U vPro™ Processor (3 MB cache, 2.6 GHz up to 3.5 GHz with Intel® Turbo Boost Technology)</li> </ul>
STORAGE & MEMORY	<ul style="list-style-type: none"> <li>8GB DDR3L</li> <li>SSD: 256GB / 512GB / 1TB</li> </ul>
DISPLAY	<ul style="list-style-type: none"> <li>10.1" WUXGA(1920x1200), Aspect ratio 16:10</li> <li>10-point capacitive multi touch + Waterproof Digitizer pen daylight-readable screen: <ul style="list-style-type: none"> <li>2 - 800 nit</li> <li>Intel® HD Graphics 620 (Built-in CPU)</li> </ul> </li> </ul>
INTERFACES	<ul style="list-style-type: none"> <li>RS-170 x 1 (input)</li> <li>10/100/1000 Ethernet</li> <li>GPIO x 10</li> <li>RS232 / RS422</li> <li>USB3.0 x 1</li> <li>USB2.0 x 2</li> </ul>
OPTIONS	<ul style="list-style-type: none"> <li>10/100/1000 Ethernet x 4 (Tactical Switch inside)</li> <li>Ublox GPS with TNC connector</li> <li>CANBUS</li> <li>RS-485</li> <li>RS-170 x 2 (input)</li> <li>Video out (VGA / DVI-D)</li> <li>USB2.0 x 4</li> </ul>
POWER SUPPLY	<ul style="list-style-type: none"> <li>Input 16-32vdc. MIL-STD-1275D</li> </ul>
MECHANICAL INTERFACES	<ul style="list-style-type: none"> <li>VESA</li> <li>RAM Mount</li> <li>Shock Absorbers</li> </ul>
19 PROGRAMMABLE BUTTONS	<ul style="list-style-type: none"> <li>7 buttons: bezel bottom</li> <li>12 buttons: 6 Left &amp; 6 Right</li> </ul>
DEDICATED BUTTONS	<ul style="list-style-type: none"> <li>mouse &amp; Brightness</li> </ul>
DIMENSIONS & WEIGHT	<ul style="list-style-type: none"> <li>220mm H x 290mm W x 110mm D</li> <li>5.0 Kg.</li> </ul>
GVA COMPLIANT	<ul style="list-style-type: none"> <li>Option</li> </ul>
COLOR	<ul style="list-style-type: none"> <li>White, Other colors - Optional</li> </ul>
WARRANTY	<ul style="list-style-type: none"> <li>1-year limited warranty, parts and labor</li> </ul>