V3N9 series

Features

- Longevity Product Supply
- Gear up performance with the latest NVIDIA/AMD GPU
- High-resolution, high-performance platform for rugged Video I/O and GPGPU applications
- Ideal for defense, radar, sonar, UAV and ground vehicles

Specifications

Interface
- Up to MXM 3.1 Type B, 16-lanes PCI Express 3.0 capable (x16/x8/x4/x1)

Display Support
- Front Panel: DL-DVI-I (Air-cooled only)
- P2 I/O: Quad DP++

Power Spec
- 100w board power max.

Dimensions
- 3U VPX
- 160 x 100 mm

Operating Temperature
- 0°C ~ +55°C (Standard Version)

Operating Humidity
- 10% ~ 90%

Storage Temperature
- -40°C ~ +125°C

Ordering Information

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>V3N950M-JRC</td>
<td>3U VPX, NVIDIA GeForce GTX950M, MXM 3.1, 2GB GDDR5, Quad DP++ via P2,</td>
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<tr>
<td></td>
<td>Conduction-cooled, 0°C ~ +55°C</td>
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<tr>
<td>V3N960M-JRC</td>
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Block Diagram

MXM GRAPHICS MODULE

- PWM
- 3.3VDC, 5VDC, 12VDC
- PCI Express Re-timer
- PCI Express 16 lanes
- P0
- P1
- P2
- DP++ x4
- DL-DVI-I

Mechanical

Tolerance: ±0.2mm