### Connectivity Front

#### Front with Bezel

- **LED 1-2**: Status LED indicators. For more information see the Status LED indicators section in the server manual.
- **Lock**: Bezel with keyed lock to prevent its removal or unauthorized access to SSDs.
- **LCD**: LCD Display & control panel for easy monitoring of host name, IP address, power consumption, and thermal output.

#### Front without Bezel

- **RD 1**: OS RAID
  - 2 x SSD | RAID-1 (mirror) configuration
- **RD 2**: DATA RAID
  - 8 x to 22 x SSD | RAID-5 configuration | SSD models: 960 GB / 1920 GB / 3840 GB
  - DEFAULT: 6.1 TB* | 8 x 960 GB SSD - MAX: 73.3 TB* | 22 x 3840 GB SSD

- **PWR**: Power button - Indicates if the system is turned on or off.
- **Rail Kit**: ReadyRails II™ sliding rails for tool-less mounting in 4-post racks with square or unthreaded round holes.

### Bezel

- **Lock**: Bezel with keyed lock to prevent its removal or unauthorized access to SSDs.
- **LCD**: LCD Display & control panel for easy monitoring of host name, IP address, power consumption, and thermal output.

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1 - Illustrated model with 2 x P5000, 8 x 3G-SDI input, and 22 x SSD RAID options. Final back panel and specs will change according to the chosen options.
### Hardware Specifications for Vyv Media Servers

**Connectivity Back**

**NVIDIA Quadro P series GPU** (available options: single or dual P4000, P5000 or P6000)

- **OUT 1-8**: 8 x Display Port 1.4 - Can be converted to HDMI2.0 or DVI-D using passive/active adapters
  - Use only with compliant active adapters for DVI and HDMI 2.0 when resolution is above 1080p60
  - All outputs on a server MUST be configured at the same resolution, frequency and timings
- **DVI 1-2**: 2 x DVI-D, only usable on single-screen Controller Servers or with VR HMD
  - Unused on Display Servers

**3G-SDI input card** (available options: none, 1x 3GSDI, 4x 3GSDI, 8x 3GSDI or 1x 12G-SDI)

- **RS-422**: 1 x RS-422 port - disabled/non-operable
- **IN 1-8**: 8 x mini-DIN (8x 3G-SDI) support up to 1080p60. Connectors can be linked for quad-link 4K support up to 4096x2160p60. As illustrated in this document. Other options are supported
- **9**: disabled/non-operable

### Motherboard

- **iDRAC**: 1 x RJ-45 iDRAC (Integrated Dell Remote Access Controller) for remote support & configuration of BIOS or RAIDs
- **SERIAL 1**: 1 x Serial port - disabled/non-operable
- **VGA 2**: 1 x DB-15 - VGA - disabled/non-operable
- **USB 3-4**: 2 x USB 3.0
- **ETH 1-2**: 2 x 10 Gbps Ethernet Connectors
- **ETH 3-4**: 2 x 1 Gbps Ethernet Connectors
- **P1-P2**: 2 x Quick Swap Redondant 1100W PSU - IEC C13 - max 500W

### NVIDIA QUADRO SYNC II (optional)

- **ETH Sync 1-2**: 2 x RJ-45 multi-server output synchronisation (frame-lock). Only used when SDI Sync is not available
- **LED 2-3**: Status LEDs. For more information see the Status LED indicators section in the Quadro Sync II manual.
- **SDI SYNC**: 1 x BNC genlock signal from house system. Blackburst and Tri-Level Sync supported

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1 - Illustrated model with 2 x P5000, 8 x 3G-SDI input, and 22 x SSD RAID options. Final back panel and specs will change according to the chosen options.
**Outputs (license + hardware options)**

- **2 x 4K model** (4 x 2K || 3 x 3K) - 1 x GPU
- **4 x 4K model** (8 x 2K || 6 x 3K) - 2 x GPU
- 2K includes all resolution horizontally <= 2048
- 3K includes all resolution horizontally <= 3072
- 4K includes all resolution horizontally <= 4096

Outputs must be physically present on the hardware and enabled in the software license. Tested splitting hardware compatible to allow more physical display outputs: AJA HA5-4K / Datapath FX4-DVI / Datapath FX4-SDI. Please contact us for compliance testing if you plan to use other splitting hardware.

**Dimensions**

- 434 mm | 17.1”
- 754 mm | 29.7”
- 90 mm | 3.5”

**Weight**

- Server Weight: 22.2 kg / 49 lbs
- Packed Weight: 29.2 kg / 64 lbs

**In the Box**

- The server & its bezel
- ReadyRails II™ sliding rails
- 2 x 5-15P to C13 power cables
- 8 x DIN 1.0/2.3 TO BNC male cables (only with the Corvid 88)
### Electrical & Operating Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Line voltage</td>
<td>100–240V AC (auto switching)</td>
</tr>
<tr>
<td>Frequency</td>
<td>50Hz to 60Hz, single phase</td>
</tr>
<tr>
<td>Maximum continuous power</td>
<td>500W</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>10° to 35° C (50° to 95° F)</td>
</tr>
<tr>
<td>Relative humidity</td>
<td>10% to 90% non-condensing</td>
</tr>
<tr>
<td>Heat output</td>
<td>1700 BTU/H</td>
</tr>
</tbody>
</table>

### Server Hardware

- **CPU**: Dual Intel® Xeon® Silver 2.1Ghz
- **GPU**: NVIDIA Quadro P series
- **Memory**: 96GB DDR4 RAM
- **Audio**: Optional ASIO USB sound card / Dante
- **Operating System**: Windows Server 2016

### Warranties & Support

#### Hardware
- 3 years warranty for servers from date of purchase, hardware can be replaced on-site following DELL EMC terms & conditions.
- 1 year warranty for other parts from date of purchase, shipping is not included, cross-shipping available when stocks allows.

#### Software
- 3 years software updates included.
- Additional update plans available.

#### Phone and email support
- Servers hardware - 3 years 24/7 next-day onsite support included by DELL-EMC (terms & conditions apply, contact us for more information).
- Servers, other parts and software - 3 years email and phone support by VYV, available from Monday to Friday, 9am to 5pm EST.