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

Front

LED 1-2  Status LED indicators. For more information see the Status LED indicators section in the server manual

USB 1-2  2 x USB 2.0

VGA 1  1 x DB-15 - VGA - disabled/non-operable

M-USB1 iDRAC Direct port - micro USB 2.0 - disabled/non-operable

RD 1  OS RAID

RD2  DATA RAID

8 x to 22x 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. Press the power button to manually turn on or off the system

Rail Kit  ReadyRails II™ sliding rails for tool-less mounting in 4-post racks with square or unthreaded round holes

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*Usable Storage

1 - Illustrated model with 2x RTX 5000, 8x 3G-SDI input, and 22x SSD RAID options. Final back panel and specs will change according to the chosen options.
HARDWARE SPECIFICATIONS FOR VYV MEDIA SERVERS

NVIDIA Quadro RTX GPU (available options: RTX 5000 or RTX 6000)

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

USB C 2 x USB C – disabled / non-operable

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

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 Locking Socket - 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

1 - Illustrated model with 2x RTX 5000, 8x 3G-SDI input, and 22xSSD RAID options. Final back panel and specs will change according to the chosen options.
HARDWARE SPECIFICATIONS FOR VYV MEDIA SERVERS
www.vyv.ca | 2021

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

<table>
<thead>
<tr>
<th>W</th>
<th>H</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>670 mm</td>
<td>26.4”</td>
<td>960 mm</td>
</tr>
</tbody>
</table>

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% noncondensing</td>
</tr>
<tr>
<td>Heat output</td>
<td>1700 BTU/H</td>
</tr>
</tbody>
</table>

### Server Hardware

<table>
<thead>
<tr>
<th>Component</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPU</td>
<td>Dual Intel® Xeon® Silver 2.1Ghz</td>
</tr>
<tr>
<td>GPU</td>
<td>NVIDIA Quadro RTX series</td>
</tr>
<tr>
<td>Memory</td>
<td>96GB DDR4 RAM</td>
</tr>
<tr>
<td>Audio</td>
<td>Optional ASIO USB sound card / Dante</td>
</tr>
<tr>
<td>Operating System</td>
<td>Windows Server 2016</td>
</tr>
</tbody>
</table>

### 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.