Introduction

DeltaV™ software runs on a limited variety of Dell Intel-based computers. Available using workstation hardware with single, dual, or quad monitors, or using server hardware with a single monitor. The selection of DeltaV workstation and server hardware provides the performance you need to engineer your control strategy and operate your process.

DeltaV workstations run on a specific set of preselected Dell computer hardware specifically chosen to provide the best cost performance solution for your DeltaV system. We provide you with a guaranteed solution to deliver the performance required.

We have pre-tested the DeltaV system with both the hardware configuration and the O/S configuration so you can be sure that the DeltaV system will always operate correctly. You will never be bothered with incompatible drivers, bad or overwritten DLLs, or substandard hardware. You will not waste time in no-value system setup engineering and troubleshooting. Instead, you can focus on your process control functions.
Benefits

Pre-installed software. When ordered through a DeltaV system integrator that can pre-load the correct DeltaV software version, the pre-loaded workstation, monitor, keyboard, and mouse are delivered ready to plug and play in your DeltaV system. This is hassle-free hardware delivery. No third-party interfaces, compatibility problems, or software versions to worry you. A trouble-free system is guaranteed.

Easy control network installation. The workstation ships from the factory with the appropriate DeltaV control network cards pre-installed — no cases to open or network drivers to set up. Just plug a control network segment into the workstation and the other end into the DeltaV control area network (CAN), and you’ve just set up a new DeltaV network node.

Choose between PCs and servers to optimize your cost/performance. Some systems are served well with PC workstations. But when larger systems demand higher levels of performance, the servers provide exactly what you need.

Flexible options. Match our options with your requirements for towers, servers, dual monitors, and RAID storage. We provide recommendations, but the choice is yours. Either way, the O/S is pre-loaded and ready to roll.

DeltaV v13.3 and higher can only be installed on a 64-bit O/S. Move up to a Windows 64-bit O/S for both workstations and servers. Workstations and servers running Windows 10 and Server 2016 O/Ss can only be used with DeltaV v13.3.1 and higher.

Product Description

The workstation hardware described in this document is subject to improvements at any time. It is the policy of Emerson to ship workstation hardware that is current with industry standards. We want you to enjoy the benefits of the increasing performance and decreasing costs inherent with using state-of-the-art, off-the-shelf equipment as much as possible. The DeltaV system performs testing to help eliminate the risks associated with new platforms, and we continue to focus on measures that extend the life of installed hardware.

Workstation and Server Hardware

Plenty of horsepower. All workstations use state-of-the-art processors well suited to provide the performance required for DeltaV software.

Lots of memory. All computers come with sufficient memory to handle DeltaV applications.

Secure data and fast recovery from hard drive failures. Workstations with RAID1 drives provide higher availability and fast recovery from failures. Servers in RAID 10 configurations maximize data protection and help enhance the performance of the server.

Crystal clear video. DeltaV software works at 1024 x 768, 1280 x 1024, 1680 x 1050 (DeltaV v10.3 and later), or 1920 x 1080 (DeltaV v13.3 and later) pixel resolution. DeltaV servers do not support 1920 x 1080 resolution. Please see monitors section for details. You can increase your viewing space with dual monitors or quad monitors.

Alarm annunciation. Audible alarms use the on-board sound cards included on the motherboards of all operator workstations. (Sound is not available on server-class computers.)

Legendary support. Emerson consistently receives top honors in service from our customers. This service is extended with a variety of optional support plans. When you subscribe to one of these plans, you are supplied with an external modem. This modem enables the factory to perform remote diagnostics on your workstation should the need arise.

Communications redundancy. The DeltaV system is solid, secure, and safe. The DeltaV control network is fully redundant, and the workstations are equipped to take advantage of this redundancy.

System backups. All workstations come with a DVD-RW drive that can be used for storing backup data.

Monitor options. Choose standard or widescreen flat panel monitors to display your process graphics. Choose dual or quad monitors for maximum viewing area.
Monitor Specifications

The DeltaV v11.3.1 and newer systems support widescreen monitors with a 16:10 aspect ratio up to 1680x1050 resolution.
The DeltaV v13.3 and newer systems support widescreen monitors with a 16:9 aspect ratio up to 1920x1080 resolution.
The DeltaV system also supports a 19" monitor (5:4 aspect ratio 1280x1024 resolution only) on workstations and servers.
Wide screen monitors are supported on all DeltaV Workstations including server class computers as noted below. Wide screen
monitors must be connected to the computer prior to making wide screen resolution selections.

**NOTE:** The on-board video of servers may not support the same wide screen resolutions or aspect ratios as non-server workstations.

<table>
<thead>
<tr>
<th>Order Number</th>
<th>DeltaV Compatibility</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE2804</td>
<td>&gt;=11.3</td>
<td>24-inch LED Widescreen Monitor - Dell UltraSharp Monitor U2412M; 16:10 Aspect Ratio; 1680x1050@60Hz Resolution; VGA/DVI/DP</td>
</tr>
<tr>
<td>SE2806</td>
<td>&gt;=11.3</td>
<td>22-inch LED Widescreen Monitor - Dell Monitor P2217; 16:10 Aspect Ratio; 1680x1050@60Hz Resolution; VGA/HDMI/DP</td>
</tr>
<tr>
<td>SE2807</td>
<td>&gt;=11.3</td>
<td>19-Inch LED Monitor - Dell Monitor P1917S; 5:4 Aspect Ratio; 1280x1024@60Hz Resolution; VGA/HDMI/DP</td>
</tr>
<tr>
<td>SE2810</td>
<td>&gt;=13.3</td>
<td>24-inch LED Widescreen Monitor - Dell Monitor P2419H; 16:9 Aspect Ratio; 1920x1080@60Hz Resolution; VGA/HDMI/DP</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>NOTE:</strong> DeltaV T630/R730 based servers do not support 1080p</td>
</tr>
<tr>
<td>SE2809</td>
<td>&gt;=13.3</td>
<td>43-inch LED Ultra HD 4K Quad Monitor - Dell Monitor P4317Q; Connect up to four independent clients to a single monitor; 16:9 Aspect Ratio; 3840 x 2160 at 60 Hz (DP only) Resolution; 1xVGA/2xHDMI/1xDP/1xmDP</td>
</tr>
</tbody>
</table>

Monitor physical appearances change periodically and without notice from monitor suppliers. We cannot guarantee that physically compatible monitors will be available at all times. If you require that any spare or replacement monitors be physically compatible with installed monitors, then spare or replacement monitors must all be ordered at the same time the initial workstation is ordered.
Touch screen is supported on DeltaV workstations however touch screen monitors are no longer supported as a standard offering. Monitors selected for touchscreen should match the aspect ratio and Optimal resolution of the supported monitors.
### Specifications Common to all Computers
*(applies to all computers with exceptions noted under computer specifications)*

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Temperature:</strong></td>
<td>Operating 10°C to 35°C (50°F to 95°F) Storage −40°C to 65°C (−40°F to 149°F)</td>
</tr>
<tr>
<td><strong>Relative humidity:</strong></td>
<td>20% to 80% (non-condensing)</td>
</tr>
<tr>
<td><strong>EMI:</strong></td>
<td>DeltaV workstations, servers and associated components are classified as Information Technology Equipment. This equipment is typically installed in control rooms with Class 1 environments unless the specifications in this document state an exception. The equipment complies with standard EN55022 Class A or Class B for emissions and standard EN50082-1.1992 for immunity. Please refer to DeltaV Site Prep Manual for more information.</td>
</tr>
<tr>
<td><strong>Altitude:</strong></td>
<td>Operating −15.2 to 3048 m (−50 to 10,000 ft.), Storage −15.2 to 10,668 m (−50 to 35,000 ft.)</td>
</tr>
<tr>
<td><strong>Computer restore image:</strong></td>
<td>All computers come with an O/S restore image DVD for fast recovery of the O/S when restoring a computer. O/S install disks are not provided.</td>
</tr>
</tbody>
</table>

**Note on the use of Uninterruptible Power Supply (UPS) with DeltaV Workstations**

For workstations and servers that will be used as a DeltaV ProfessionalPlus Workstation, the use of a UPS is **required to prevent possible database corruption due to a sudden power loss** on the ProfessionalPlus.

In addition, it is strongly suggested that all DeltaV Workstations including Operator workstations be connected to a UPS system to prevent possible corruption of the O/S, DeltaV software, or other data (such as historians) during a sudden power loss. Critical devices on the DeltaV network should always be protected by the use of a UPS system from possible damage due to sudden power loss.
### DeltaV Operator Workstation – Single Monitor [based on Dell Optiplex 3050 desktop computer]

<table>
<thead>
<tr>
<th>Model #</th>
<th>O/S</th>
<th>DeltaV Compatibility</th>
<th>Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE2604C01</td>
<td>Windows® 10 IoT Enterprise 2016 Installed with the option to migrate to Windows 7 Pro 32-bit or 64-Bit Emb.</td>
<td>DeltaV v11.3 and newer</td>
<td>5 Year</td>
</tr>
</tbody>
</table>

- Small form factor chassis
- 3 Network Interface Ports
- Intel i5-6500 Quad Core, 3.2 GHz
- Memory: 8.0GB
- Drives: 500GB or larger
- 8x slimline DVD +/- RW SATA drive
- On-board integrated audio
- On-board Intel integrated Graphics (single-monitor only)
- External speakers
- USB optical mouse (2 button w/scroll)
- USB local country keyboard
- Local power cord option
- Dimensions (H x W x D) Inches/(cm): 11.4 x 3.7 x 11.5 / (29.0 x 9.3 x 29.2)
- Weight: 11.31 lbs. / 5.34 kg.
- Power Supply Unit (PSU): 180W power supply
- Maximum vibration: Operating 0.26 GRMS, Storage 0.26 GRMS.
- Maximum shock: Operating 40G, Storage 105G.

- The SE2604C01 ships with Windows 10 Enterprise IoT 2016 LTSB 64-bit installed and includes recovery image DVDs to migrate the workstation to Windows 7 Pro Embedded 32-bit or 64-bit in the field. This computer will support both English and non-English versions of DeltaV software and includes the language packs required for installing a localized non-English version of DeltaV DCS.

- This unit does not come with a Windows 10 or 7 O/S reinstall DVD. The recovery image DVD is the only method available to reinstall the O/S on this computer. Note that this computer does not support the Windows XP O/S.
**DeltaV Dual/Quad Monitor Workstation [based on Dell T5820XL workstation]**

<table>
<thead>
<tr>
<th>Model #</th>
<th>O/S</th>
<th>DeltaV Compatibility</th>
<th>Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE2612CXX</td>
<td>Windows® 10 IoT Enterprise 2016 installed with the option to migrate to Windows 7 Pro Embedded 64-Bit in the field.</td>
<td>DeltaV v12.3 and newer</td>
<td>5 Year</td>
</tr>
</tbody>
</table>

- 3 Network Interface Ports
- 3.1 USB ports: 10 ports - 4 front and 6 rear
- Intel® Xeon® W-2123 3.6 GHZ, 4-Core processor
- Memory: 16GB
- 8x DVD +/- RW Slimline Drive
- On-board integrated audio
- Video: Radeon Pro WX5100, 8GB Quad Monitor Graphics Card
- 4x Display ports. No adapters are included. There are no VGA ports available on the video card. If VGA outputs are required a DisplayPort to VGA adaptor must be purchased locally.
- External speakers
- USB optical mouse (2 button w/scroll)
- Local USB country keyboard (for languages supported)
- Local power cord option
- Chassis: Convertible Mini-tower
- (H x W x D): 16.45” x 6.94” x 20.41” (H x W x D): 41.79cm x 17.65cm x 51.83cm
- Weight: 32 lbs. / 14.52 kg.
- Power—950-watt power supply

The SE2612C01/C02 ships with Windows 10 Enterprise IoT 2016 LTSB 64-bit installed and includes recovery image USB to migrate the workstation to Windows 7 Pro Embedded 64-bit in the field. This computer will support both English and non-English versions of DeltaV software and includes the language packs required for installing a localized non-English version of DeltaV DCS.

This unit does not come with a Windows 10 or 7 O/S reinstall DVD or USB. The recovery image USBs are the only method available to reinstall the O/S on this computer. Note that this computer does not support the Windows XP or Win 7 32bit O/S.

**SE2612C01 - Dual/Quad Monitor Workstation**
- Drives: One 500GB 7200rpm SATA, 2.5”, No RAID

**SE2612C02 - Dual/Quad Monitor Workstation**
- Drives: 2x 500GB 7200rpm SATA, 2.5”, RAID 1
- MegaRAID SAS 9460-16i 12Gb/s PCIe SATA/SAS HW RAID controller
DeltaV Rack Mount Single/Dual/Quad Monitor Workstation [based on Dell R7920XL workstation]

<table>
<thead>
<tr>
<th>Model #</th>
<th>O/S</th>
<th>DeltaV Compatibility</th>
<th>Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE2613C01</td>
<td>Windows® 10 IoT Enterprise 2016 Installed with the option to migrate to Windows 7 Pro Embedded 64-Bit in the field.</td>
<td>DeltaV v12.3 and newer</td>
<td>5 Year</td>
</tr>
</tbody>
</table>

- 4 Network Interface Ports
- 5 USB ports: USB 3.0 - 1 front / 2 rear, USB 2.0 - 2 front
- CPU: Intel Xeon Silver 4112 2.6GHz, 4 Core processor
- Memory: 16GB
- Drives: 2x 500GB 2.5” SATA 7200rpm
- in a RAID1 configuration (H730p+RAID controller)
- 8x DVD +/- RW Slimline Drive
- Audio: Creative Sound Blaster Audigy
- Video: AMD WX4100 graphics card (quad-monitor capable). 4 MiniDP, no adapters.
- TERA2 Card
  **NOTE:** The TERA2 card supports but does not include SE2500KIT-3, the Wyse 5030 (P25) PCoIP Zero Client KVM Extender for dual monitors or SE2500KIT-4, the Wyse 7030 (P45) PCoIP Zero Client KVM Extender for quad monitors. See the Wyse 5030 (P25) and Wyse 7030 (P45) specs below.
- External speakers
- USB optical mouse (2 button w/scroll), local USB country keyboard, local power cord option
- Rack Rails: Rack chassis with ReadyRails and Cable Management Arm
- Chassis: 2U rack mount
- Height: 3.42 in (8.68cm), Width: 18.98in (48.2 cm), Depth: with front bezel 29.58 in (75.13cm)
- Weight (minimum): With front bezel 63.05 lbs / 28.6 kg.
- Power supply: dual redundant power supplies (hot swappable). Each supply 1600W dissipation for 1600W power supply: 6000 BTU/hr. with 10 amp power cables.
- Please see Dell R7920 documentation for detailed environmental specifications
- The SE2613C01 ships with Windows 10 Enterprise IoT 2016 LTSB 64-bit installed and includes recovery image USB to migrate the workstation to Windows 7 Pro Embedded 64-bit in the field. This computer will support both English and non-English versions of DeltaV software and includes the language packs required for installing a localized non-English version of DeltaV DCS.
- This unit does not come with a Windows 10 or 7 O/S reinstall DVD or USB. The recovery image USBs are the only method available to reinstall the O/S on this computer. Note that this computer does not support the Windows XP or Win 7 32bit O/S.
DeltaV Workstation and Server Hardware

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>DeltaV Compatibility</th>
<th>Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE2616C01</td>
<td>15.6” Touchscreen Monitor, 1366x768 Resolution; 8GB RAM; 240GB SSD Drive</td>
<td>DeltaV v14.3 and newer</td>
<td>2 Year¹</td>
</tr>
<tr>
<td>SE2616C02</td>
<td>15.6” Touchscreen Monitor, 1366x768 Resolution; 16GB RAM; 480GB SSD Drive</td>
<td>DeltaV v14.3 and newer</td>
<td>2 Year¹</td>
</tr>
<tr>
<td>SE2617C01</td>
<td>18.5” Touchscreen Monitor, 1366x768 Resolution; 8GB RAM; 240GB SSD Drive</td>
<td>DeltaV v14.3 and newer</td>
<td>2 Year¹</td>
</tr>
<tr>
<td>SE2617C02</td>
<td>18.5” Touchscreen Monitor, 1366x768 Resolution; 16GB RAM; 480GB SSD Drive</td>
<td>DeltaV v14.3 and newer</td>
<td>2 Year¹</td>
</tr>
<tr>
<td>SE2618C01</td>
<td>21.5” Touchscreen Monitor, 1920x1080 FHD Resolution; 8GB RAM; 240GB SSD Drive</td>
<td>DeltaV v14.3 and newer</td>
<td>2 Year¹</td>
</tr>
<tr>
<td>SE2618C02</td>
<td>21.5” Touchscreen Monitor, 1920x1080 FHD Resolution; 16GB RAM; 480GB SSD Drive</td>
<td>DeltaV v14.3 and newer</td>
<td>2 Year¹</td>
</tr>
<tr>
<td>SE2619W3YREXT</td>
<td>3 Year Warranty Extension from 2 to 5 Years.</td>
<td>DeltaV v14.3 and newer</td>
<td>3 Year Warranty Extension</td>
</tr>
</tbody>
</table>

Intel i7-6822EQ 2.00 GHz Processor

Memory: See Table

Drive: See Table

4xEthernet interface ports; 10/100/1000 Mbps

2xUSB 2.0 and 2xUSB 3.0

Audio out

Single Touchscreen LED Display; See Table for display size and resolution
Backlit LED with 10-point projective capacitive touch screen
Panel mounted, IP-65 protection at front, IP-30 at back

No keyboard/mouse included.

No DVD included.

Dimensions (W x H x D) Inches / (cm) and Weight
- With 15.6-in. display = 16.06”/408mm x 10.83”/275mm x 4.76”/121mm and 18.96 lbs/8.6 kg
- With 18.5-in. display = 18.31”/465mm x 12.32”/313mm x 4.84”/123mm and 22.93 lbs/10.4 kg
- With 21.5-in. display = 20.94”/532mm x 13.94”/354mm x 4.69”/119mm and 27.99 lbs/12.7 kg

Power supply: 24 VDC power; Removable COMBICON screw-type connector

Ambient operating temperature: -20°C ... 50°C

Vibration: Vibration resistance according to EN 60068-2-6, 1G

Shock: Shock test according to IEC 60068-2-27, 15g with 11 ms impulse

This equipment is suitable for use in Class I, Division 2, Groups A, B, C, D, ATEX/IEC EX Zone 2 and Zone 22 or nonhazardous locations only.

Current and power data

<table>
<thead>
<tr>
<th>Current consumption @24 V, maximum</th>
<th>With 15.6-in. display</th>
<th>With 18.5-in. display</th>
<th>With 21.5-in. display</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current consumption @24 V, maximum</td>
<td>1.89 A</td>
<td>1.89 A</td>
<td>1.89 A</td>
</tr>
<tr>
<td>Power, maximum, @24</td>
<td>45.4 W</td>
<td>45.4 W</td>
<td>45.4 W</td>
</tr>
</tbody>
</table>

Windows 10 Enterprise IoT 2016 LTSB 64-bit installed
## DeltaV Rugged Laptop – PK Controller Engineering Laptop [based on Dell Latitude 14 Rugged 5414]

<table>
<thead>
<tr>
<th>Model #</th>
<th>O/S</th>
<th>DeltaV Compatibility</th>
<th>Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE2614C01</td>
<td>Windows® 10 IoT Enterprise 2016</td>
<td>DeltaV v14.3 and newer</td>
<td>5 Year</td>
</tr>
</tbody>
</table>

- 14’ Rugged Laptop
- 1 Network Interface Ports
- Intel Dual-Band Wi-Fi Adapter
- Intel Core i7-6600U Processor, Dual-Core, 2.6 GHz
- Memory: 16.0GB
- Drives: 512GB Solid State Drive (SSD) or larger
- 8x slimline DVD +/- RW SATA drive
- On-board integrated audio
- On-board Intel Integrated HD Graphics 520, FHD, 1920x1080,
  Outdoor Readable, Non-Touch
- Integrated touchpad
- Sealed Internal RGB Backlit English Keyboard
- 6-cell (65Wh) Lithium Ion Battery
- 65W AC Adapter, 3-pin
- Dimensions (H x W x D) Inches/(mm): 1.73 x 13.66 x 9.57 / (44.4 x 347 x 243)
- Weight: 6.5 lbs. / 2.95 kg.
- MIL-STD-810G testing1: Transit drop (36”), blowing dust, vibration, functional shock, humidity, altitude, thermal extremes
- Operating thermal range: -20°F to 140°F (-29°C to 60°C); Non-operating range: -60°F to 160°F (-51°C to 71°C)
- IEC 60529 ingress protection1: IP52 (dust-protected, protected against dripping water when tilted up to 15°)
- (1) Based on testing and certification to MIL-STD-810G, IEC 60529 standards, performed and reported independently by accredited testing companies.
- The SE2614C01 ships with Windows 10 Enterprise IoT 2016 LTSB 64-bit installed and includes a recovery image DVD.
- This unit does not come with a Windows 10 reinstall DVD. The recovery image DVD is the only method available to reinstall the O/S on this computer.
DeltaV Discovery Single Monitor Workstation [based on Dell Optiplex 7050 desktop computer]

<table>
<thead>
<tr>
<th>Model #</th>
<th>O/S</th>
<th>DeltaV Compatibility</th>
<th>Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE2605C01</td>
<td>Windows 10 IoT Enterprise 2016</td>
<td>DeltaV v13.3.1 and newer</td>
<td>5 Year</td>
</tr>
</tbody>
</table>

- Small form factor chassis
- 3 Network Interface Ports
- Intel i7-6700, Quad Core Processor, 3.4 GHz
- Memory: 16GB
- Drives: 2 – 500GB hard-drives in a RAID 1 configuration
- 8x DVD +/- RW Drive, Small Form Factor
- On-board integrated audio
- On-board integrated graphics – Single Monitor
- USB optical mouse (2 button w/scroll)
- Internal speaker
- USB local country keyboard
- Local power cord option
- Dimensions (H x W x D) Inches / (cm): 11.5 x 3.7 x 11.4 (29.2 x 9.3 x 29)
- Weight: 11.6 lbs / 5.3 kg.
- Power supply Unit (PSU): 180W up to 85% efficient PSU (80Plus Bronze)
- Please see Dell Optiplex 7050 documentation for detailed environmental specifications.
- Windows 10 Enterprise IoT 64-bit installed. This computer will support both English and non-English versions of DeltaV v13.3.1 software and includes the language packs required for installing a localized non-English version of DeltaV.
SE2500KIT-3 —Wyse® 5030 (P25) PCoIP Zero Client.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>I/O Peripheral Support</strong></td>
<td>Single Link DVI-I port, One DisplayPort (1 DisplayPort to DVI adapter included) Four External USB 2.0 ports (2 front; 2 back)</td>
</tr>
<tr>
<td><strong>Button / LEDs</strong></td>
<td>Multi-Function power button LED</td>
</tr>
<tr>
<td><strong>Networking</strong></td>
<td>10/100/1000 Base-T Gigabit Ethernet</td>
</tr>
<tr>
<td><strong>Display</strong></td>
<td>VESA monitor support with Display Data Control (DDC) for automatic setting of resolution and refresh rate</td>
</tr>
<tr>
<td><strong>Audio</strong></td>
<td>Composite Audio 1/8-inch mini jack, One Line out / speaker 1/8-inch mini jack</td>
</tr>
<tr>
<td><strong>Physical Characteristics</strong></td>
<td>Height: 1.14 inches (29 mm), Width: 6.97 inches (177 mm) Depth: 4.57 inches (116 mm)</td>
</tr>
<tr>
<td><strong>Shipping Weight</strong></td>
<td>8.15 lbs. / 3.7 kg.</td>
</tr>
<tr>
<td><strong>Mounting</strong></td>
<td>Horizontal feet standard</td>
</tr>
<tr>
<td><strong>Device Security</strong></td>
<td>Built-in Kensington security slot (cable sold separately)</td>
</tr>
<tr>
<td><strong>Power</strong></td>
<td>Worldwide auto-sensing 100-240 V AC, 50/60 Hz. power supply</td>
</tr>
<tr>
<td></td>
<td>Average power usage with device connected to 1 keyboard with 1 mouse and 1 monitor; less than 8 watts</td>
</tr>
<tr>
<td><strong>Temperature Range</strong></td>
<td>Operating: 32° to 104°F (10° to 40°C), horizontal and vertical positions</td>
</tr>
<tr>
<td></td>
<td>Storage: 14° to 140°F (-10° to 60°C)</td>
</tr>
<tr>
<td><strong>Humidity</strong></td>
<td>20% to 80% condensing, 10% to 95% non-condensing</td>
</tr>
</tbody>
</table>
### SE2500KIT-4 — Wyse® 7030 (P45) PCoIP Zero Client.

<table>
<thead>
<tr>
<th>I/O Peripheral Support</th>
<th>Four DisplayPort ports, Four External USB 2.0 ports (2 front, 2 back)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Button / LEDs</strong></td>
<td>Multi-Function power button LED</td>
</tr>
<tr>
<td><strong>Networking</strong></td>
<td>10/100/1000 Base-T Gigabit Ethernet</td>
</tr>
<tr>
<td><strong>Display</strong></td>
<td>VESA monitor support with Display Data Control (DDC) for automatic setting of resolution and refresh rate</td>
</tr>
<tr>
<td><strong>Audio</strong></td>
<td>Audio In 1/8-inch mini jack, 8-bit microphone</td>
</tr>
<tr>
<td></td>
<td>Output: 1/8-inch mini jack, full 16-bit stereo, 48KHz sample rate</td>
</tr>
<tr>
<td></td>
<td>One Line out / speaker 1/8-inch mini jack</td>
</tr>
<tr>
<td><strong>Physical Characteristics</strong></td>
<td>Height x Width x Depth:</td>
</tr>
<tr>
<td></td>
<td>177 mm x 46 mm x 130 mm (6.97 in x 1.81 in x 5.12 in)</td>
</tr>
<tr>
<td></td>
<td>Weight 0.765kg / 1.67 lbs.</td>
</tr>
<tr>
<td><strong>Mounting</strong></td>
<td>Vertical feet</td>
</tr>
<tr>
<td><strong>Device Security</strong></td>
<td>Built-in Kensington security slot (cable sold separately)</td>
</tr>
<tr>
<td><strong>Power</strong></td>
<td>Worldwide auto-sensing 100-240 V AC, 50/60 Hz. power supply</td>
</tr>
<tr>
<td></td>
<td>Average power usage less than 15 watts</td>
</tr>
<tr>
<td><strong>Temperature Range</strong></td>
<td>Operating: 32° to 104°F (10° to 40°C), horizontal and vertical positions. Storage: 14° to 140°F (-10° to 60°C)</td>
</tr>
<tr>
<td><strong>Humidity</strong></td>
<td>20% to 80% condensing, 10% to 95% non-condensing</td>
</tr>
</tbody>
</table>
Wyse 5030 (P25)/7030 (P45) KVM Installation Note:

Dell recommends using a Gigabit Ethernet switch between PC with the Terra-2 card and the Wyse 5030 (P25)/7030 (P45) KVM. Please read Knowledge Base Article KBA NK-1500-0518 for additional information.

The use of patch panels as part of the wiring between the PC and Wyse 5030 (P25)/7030 (P45) KVM is strongly discouraged due to possible network issues introduced using these devices. Dedicated wiring runs are strongly recommended for Wyse 5030 (P25)/7030 (P45) KVM connections.

If a switched network solution will be used between multiple workstations and remote Wyse 5030 (P25)/7030 (P45) device it must be a network dedicated to serving the Wyse 5030 (P25)/7030 (P45) KVM devices and must not be shared with any other communications. Ethernet network planning and design will be required for a successful implementation. Consult Emerson SureService Advanced Services to obtain a quotation for assistance with this network planning.

SE2500-KIT1 -- Replacement part kit for the FX100 for the R5500 (not for the R7910)

SE2500-KIT-1 Dual Monitor Wyse 5030 (P25) KVM Kit for dual monitor rack mount workstations: Provides the new Tera2 dual interface card, the cables between the Tera2 card and the video card and the Wyse 5030 (P25) KVM as a spare part for or to upgrade an FX100 KVM to a Wyse 5030 (P25) KVM. See the DeltaV KBA # NK-1300-0245 for instructions. This kit is for the SE2512M, SE2525 and VE2555 only. It is not supported on earlier versions of the DeltaV Workstations.
## DeltaV Tower Server—Entry Level [based on the Dell T640XL server]

<table>
<thead>
<tr>
<th>Model #</th>
<th>O/S</th>
<th>DeltaV Compatibility</th>
<th>Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE2711C01 &amp; 02</td>
<td>Windows Server® 2016 Std. Emb. installed</td>
<td>DeltaV v13.3.1 and newer</td>
<td>5 Year</td>
</tr>
</tbody>
</table>

- 4 1GB Ethernet ports
- Integrated VGA Controller
- 8 USB ports: USB 3.0 1 front / 4 rear, USB 2.0 1 front / 2 rear
- Memory: 16 GB RDIMM, 2666MT
- Hard drive: hot pluggable 15K RPM SAS 12Gbps 2.5 hard drives w/ 3.5" Hybrid Carrier: PERC I
- DVD+/- R/W SATA drive
- USB Optical mouse (2 button w/scroll), Local USB country keyboard, Local power cord option
- Height 443.48 mm (17.45 inch) with feet / 430.48 mm (16.9 inch) without feet
- Width 302.5 mm (11.9 inch) with feet opened / 217.92 mm (8.57 inch) with feet closed
- Depth 692.8 mm (27.27 inch) without bezel / 708.7 mm (27.9 inch) with bezel
- Weight (maximum configuration) 49.65 kg / 109.45 lbs. for 3.5 inch hard-drive chassis
- Dual, hot-pluggable 750W power supply
  ```
  NOTE: UPS required if used as a ProfessionalPlus to protect the system in the event of an unplanned power loss
  ```
- Vibration: Operating: 0.26G at 5Hz to 350Hz, Storage: 1.88G at 10Hz to 500Hz for 15 minutes
- Shock: Operating Shock: 6 shock pulses of 40G for up to 2.3ms, Storage: 6 shock pulses of 71G for up to 2ms
  ```
  NOTE: Servers do not have PS/2 ports or parallel ports. Requires the use of a USB dongle
  ```
- The RD1000 is not included in the standard server and must be ordered separately from Dell. Only an external RD1000 can be supplied separately.
- SE2711C01 & SE2711C02 includes Windows Server® 2016 Standard license and a Server 2016 Std. 64-bit recovery image DVD. Windows Server 2016 Std. 64-bit operating system comes pre-installed and includes Server 2016 64-bit recovery image DVD. Includes 5 additional server Device CAL licenses (total of 10). Language support included in the DeltaV media pack.
- This server supports 1920x1080 monitor resolutions, but does not support multi-monitors or sound cards (no speakers provided with servers).
  ```
  NOTE: This server does not support the Windows Server 2008 (32-Bit) or Windows Server 2008 R2 (64-Bit) Operating Systems
  ```

You must purchase one of the following servers for use with Windows Server 2008 or Windows Server 2008 R2:
- SE2701C01 & 02 - DeltaV Tower Server [based on the Dell T630 server]
  ```
  NOTE: This server does not support the Windows Server 2003 Operating System
  ```

Servers for use with Windows Server 2003 must be purchased using the refurbished computer hardware available from the DeltaV system. Please consult with Installed Base support for information on the refurbished computer program.
<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE2711C01</td>
<td>Tower Chassis Single Xeon Six-Core CPU Server</td>
</tr>
<tr>
<td></td>
<td>- Drives: Two 600GB or greater 15K RPM SAS 12Gbps in RAID 1 Array</td>
</tr>
<tr>
<td></td>
<td>- Single CPU - Xeon Silver 4112 2.6GHz, 4C/8T, 8.25M Cache, 9.6GT/s 2UPI, Turbo, HT, (85W) DDR4-2400</td>
</tr>
<tr>
<td>SE2711C02</td>
<td>Tower Chassis Dual Xeon Six-Core CPU Server</td>
</tr>
<tr>
<td></td>
<td>- Drives: Six 600GB or greater 15K RPM SAS 12Gbps in RAID 10 Array</td>
</tr>
<tr>
<td></td>
<td>- Two CPUs - Xeon Silver 4112 2.6GHz, 4C/8T, 8.25M Cache, 9.6GT/s 2UPI, Turbo, HT, (85W) DDR4-2400</td>
</tr>
</tbody>
</table>
## DeltaV Rack-Mount Server [based on the Dell PowerEdge R740XL Server]

<table>
<thead>
<tr>
<th>Model #</th>
<th>O/S</th>
<th>DeltaV Compatibility</th>
<th>Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE2712Cxx</td>
<td>Windows Server® 2016 Std. 64-bit</td>
<td>DeltaV v13.3.1 and newer</td>
<td>5 Year</td>
</tr>
</tbody>
</table>

- 2U Rack-mountable chassis with sliding ready rails and cable management arm
- 4 1GB Ethernet ports
- 4 USB ports – 2xUSB 3.0 back panel and 2xUSB 2.0 front panel
- Integrated graphics controller with 16:9 aspect ratio at 1920x1080 resolution and 8, 16, & 32-bit color depth using a direct connection to the VGA port.
- Hot-pluggable drive backplane
- Redundant, hot-pluggable, 750W power supplies.  
  **NOTE:** UPS required if used as a ProfessionalPlus
- DVD+//- R/W SATA drive
- USB mouse (2 button w/ scroll)
- Local USB country keyboard
- 2 Local power cables
- Rack server dimensions H: 8.68 cm (3.42 in.) x w: 48.20 cm (18.98 in.) x d: 71.55 cm (28.17 in.)
- Rack server weight 26.3 kg / 57.98 lb, maximum configuration
- **NOTE:** Servers do not have PS/2 ports or parallel ports. Will require the use of a USB DeltaV dongle Environmental
- Maximum Vibration: Operating 0.26 Grms at 5 Hz to 350 Hz (all operation orientations). Storage 1.88 Grms at 10Hz to 500Hz for 15 minutes.
- Maximum Shock: Operating: Six consecutively executed shock pulses in the positive and negative x, y, and z axes of 6 G for up to 11 ms. Storage: Six consecutively executed shock pulses in the positive and negative x, y, and z axes (one pulse on each side of the system) of 71 G for up to 2 ms.
- SE2712C01, C02, & C03 includes Windows Server® 2016 Standard license and a Server 2016 Std. 64-bit recovery image DVD. Windows Server 2016 Std. 64-bit operating system comes pre-installed and includes Server 2016 64-bit recovery image DVD. Includes 5 additional server Device CAL licenses (total of 10). Language support included in the DeltaV media pack.
- This server supports 1920x1080 monitor resolutions, but does not support multi-monitors or sound cards (no speakers provided with servers).  
  **NOTE:** This server does not support the Windows Server 2008 (32-Bit) or Windows Server 2008 R2 (64-Bit) Operating Systems

You must purchase one of the following servers for use with Windows Server 2008 or Windows Server 2008 R2:
- SE2702C01 & 02 - DeltaV Tower Server [based on the Dell R730XL server]  
  **NOTE:** This server does not support the Windows Server 2003 Operating System

Servers for use with Windows Server 2003 must be purchased using the refurbished computer hardware available from the DeltaV system. Please consult with Installed Base support for information on the refurbished computer program.
<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
</table>
| SE2712C1 | DeltaV Server based on the Dell PowerEdge R740XL Rack Mounted Server – RAID 1  
- One Xeon Silver 4112 2.6GHz, 4C/8T, 8.25M Cache, 9.6GT/s 2UPI, Turbo, HT, (85W) DDR4-2400  
- Four x8 PCIe Gen3 slots  
- Perc H730 2GB NV Cache, RAID controller mini card  
- Two 8GB RDIMM, 2666MT/s, single rank  
- Two 600GB or greater hot pluggable 15K RPM SAS 12Gbps 512n 2.5" hard drives in a RAID1 Array |
| SE2712C02 | DeltaV Server based on the Dell PowerEdge R740XL Rack Mounted Server – RAID 10  
- Two Xeon Silver 4112 2.6GHz, 4C/8T, 8.25M Cache, 9.6GT/s 2UPI, Turbo, HT, (85W) DDR4-2400  
- Six x8 PCIe Gen3 slots, Two x16 PCIe slots  
- Perc H730 RAID controller, 2GB NV Cache, adapter, full height  
- Two 8GB RDIMM, 2666MT/s, single rank  
- Six 600GB or greater hot pluggable 15K RPM SAS 12Gbps 512n 2.5" hard drives in a RAID10 Array |
| SE2712C03 | DeltaV High Performance Server based on the Dell PowerEdge R740XL Rack Mounted Server - RAID 10  
- Two Xeon Gold 6128 3.4GHz, 6C/12T, 19.25M Cache, 10.4GT/s 2UPI, Turbo, HT, (115W) DDR4-2666  
- Six x8 PCIe Gen3 slots, Two x16 PCIe slots  
- Perc H740 RAID controller, LP adapter  
- Four 8GB RDIMM, 2666MT/s, single rank  
- Four 400GB or greater hot pluggable SSD SAS Mix Use 12Gbps 512e 2.5" hard drives in a RAID10 Array |
<table>
<thead>
<tr>
<th>Model #</th>
<th>O/S</th>
<th>DeltaV Compatibility</th>
<th>Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE2702Cxx</td>
<td>Windows Server® 2016 Std. Emb.</td>
<td>DeltaV v11.3 and newer</td>
<td>5 Year</td>
</tr>
</tbody>
</table>

- 2U Rack-mountable chassis with sliding ready rails and cable management arm
- 16GB memory
- 4 Ethernet ports all on the motherboard [no add-in NIC cards]
- 4 USB ports – 2 back panel and 2 on front panel
- Integrated graphics controller with wide-screen support (wide-screen has been tested using our supported Dell P2213 monitor at 1680x1050 resolution and 16-bit color depth using a direct connection to the VGA port. Other monitors and KVM solutions may function without issues but have not been tested and may not be supported)
- Hot-pluggable drive backplane
- Redundant, hot-pluggable, 750W power supplies.
  
  **NOTE:** UPS required if used as a ProfessionalPlus
- DVD+/- R/W drive
- USB mouse (2 button w/ scroll)
- Local USB country keyboard
- Local power cord option
- Rack server dimensions H: 8.73 cm (3.44 in.) x w: 48.20 cm (18.98 in.) x d: 75.58 cm (29.75 in.)
- Rack server weight 31.5 kg / 69.45 lbs., maximum configuration

  **NOTE:** Servers do not have PS/2 ports or parallel ports. Will require the use of a USB DeltaV dongle

**Environmental**

- Maximum Vibration: Operating 0.26 Grms at 5 Hz to 350 Hz (all operation orientations). Storage 1.88 Grms at 10Hz to 500Hz for 15 minutes.
- Maximum Shock: Operating: Six consecutively executed shock pulses in the positive and negative x, y, and z axes of 40 G for up to 2.3 ms. Storage: Six consecutively executed shock pulses in the positive and negative x, y, and z axes (one pulse on each side of the system) of 71 G for up to 2 ms.
- SE2702C01 & C02 includes Windows Server® 2016 Standard license and a Server 2016 Std. 64-bit recovery image DVD. Windows Server 2016 Std. 64-bit operating system comes pre-installed and includes Server 2008 32-bit and Server 2008 R2 64-bit recovery image DVDs to migrate the DeltaV Server in the field. Includes 5 additional server Device CAL licenses (total of 10). Language support included in the DeltaV media pack.
- SE2702C03 includes Windows Server® 2016 Standard license and a Server 2016 Standard 64-bit recovery image DVD. Windows Server 2016 Standard 64-bit operating system comes pre-installed. 5 User CAL licenses included. No language support included.
- This server supports 1680x1050 monitor resolutions, but does not support 1920x1080 monitor resolutions, multi-monitors or sound cards (no speakers provided with servers).

  **NOTE:** This server does not support the Server 2003 Operating System

Servers for use with Server 2003 must be purchased using the refurbished computer hardware available from DeltaV please consult with Installed base support for information on the refurbished computer program.
### SE2410C1 & SE2702C1 - DeltaV Server based on the Dell PowerEdge R730 Rack Mounted Server – RAID 1
- One Xeon E5-2620 v3 2.4GHz, 15M Cache, 8.00GT/s QPI, Turbo, HT, 6C/12T (85W)
- Perc H730 RAID controller
- Two 600GB or greater hot pluggable 15K RPM SAS 12Gbps 2.5” hard drives in a RAID1 Array

### SE2702C02 - DeltaV Server based on the Dell PowerEdge R730 Rack Mounted Server – RAID 10
- Two Xeon E5-2620 v3 2.4GHz, 15M Cache, 8.00GT/s QPI, Turbo, HT, 6C/12T (85W)
- Perc H730 RAID controller
- Six 600GB or greater hot pluggable 15K RPM SAS 12Gbps 2.5” hard drives in a RAID10 Array

### SE2702C03 - DeltaV High Performance Server based on the Dell PowerEdge R730 Rack Mounted Server - RAID 10
- Two Xeon E5-2643 v3 3.4GHz, 20M Cache, 9.6GT/s QPI, Turbo, HT, 6C/12T (135W)
- 32 GB memory (8 x 4GB RDIMM, 2133MT/s)
- Perc H730 RAID controller
- Six 400GB SAS Mix Use MLC 12Gbps 2.5in hot pluggable Solid State Drives,13G in a RAID10 Array
Independent DeltaV Domain Controller Tower Server [based on the Dell PowerEdge T330 Server]

<table>
<thead>
<tr>
<th>Model #</th>
<th>O/S</th>
<th>DeltaV Compatibility</th>
<th>Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE2709C01</td>
<td>Windows Server 2016 Standard</td>
<td>DeltaV v14.3 and newer</td>
<td>5 year</td>
</tr>
</tbody>
</table>

- Four Gbps Ethernet ports (two on-board + Broadcom 5720 dual port network interface
- 8 USB ports: 2 front (1x USB2.0 + 1x USB3.0) / 6 rear (4x USB2.0 + 2x USB3.0)
- Single CPU Quad-Core Intel® Xeon® E3-1220v5 3.0 GHz
- Integrated VGA controller
- Memory UDIMM, 2400MT/s, memory: 16GB
- Hard drive: hot pluggable 10K RPM SAS 12Gbps 2.5" hard drives with 3.5" hybrid carrier
- PERC H330 Integrated RAID controller: drives included: Two 300GB set up in a RAID 1 configuration
- DVD+/-RW drive
- USB optical mouse (2 button with scroll), local USB country keyboard, local power cords option
- Height: 443.3mm (17.45") with feet / 430.3mm (16.94") without feet
- Width: 304.5mm (11.98") with fee opened / 218mm (8.58") with feet closed
- Depth: 561.8mm (22.12") without bezel / 578.2mm (22.76") with bezel
- Weight (maximum configuration): 26.02kg / 57.32 lbs.
- Dual, hot pluggable redundant 495W power supplies.
- Vibration: Operating: 0.26G at 5Hz to 350Hz, Storage: 1.88G at 10Hz to 500Hz for 15 minutes
- Shock: Operating: 6 shock pulses of 40G for up to 2.3ms, Storage: 6 shock pulses of 71G for up to 2ms
- **NOTE:** Servers do not have PS/2 ports or parallel ports. Requires the use of a USB dongle
- The RD1000 is not included in the standard server and must be ordered separately from Dell. Only an external RD1000 can be supplied separately.
- This server includes Windows Server® 2016 Standard license and a Server 2016 Standard 64-bit recovery image DVD. Windows Server 2016 Standard 64-bit operating system comes pre-installed. 5 User CAL licenses included. No language support included.
- This server supports 1680x1050 monitor resolutions, but does not support 1920x1080 monitor resolutions, multi-monitors or sound cards (no speakers provided with servers).
- **NOTE:** This server is based on off-the-shelf Dell T330 Server with 5-year warranty. Spares are provided by Dell based on Dell factory lead times.

**NOTE:** This server does not support the Server 2003 Operating System

Servers for use with Server 2003 must be purchased using the refurbished computer hardware available from DeltaV please consult with Installed base support for information on the refurbished computer program.
### Independent DeltaV Domain Controller Rack-Mount Server [based on the Dell PowerEdge R330 Server]

<table>
<thead>
<tr>
<th>Model #</th>
<th>O/S</th>
<th>DeltaV Compatibility</th>
<th>Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE2708C01</td>
<td>Windows Server 2016 Standard</td>
<td>DeltaV v14.3 and newer</td>
<td>5 year</td>
</tr>
</tbody>
</table>

- Four Gbps Ethernet ports (two on-board + Broadcom 5720 dual port network interface
- 8 USB ports: 2 front (1x USB2.0 + 1x USB3.0) / 6 rear (4x USB2.0 + 2x USB3.0)
- Single CPU Quad-Core Intel® Xeon® E3-1220v5 3.0 GHz
- Integrated VGA controller
- Memory UDIMM, 2400MT/s, memory: 16GB
- Hard drive: hot pluggable 10K RPM SAS 2.5” hard drives with 3.5” hybrid carrier
- PERC H330 Integrated RAID controller: drives included: Two 300GB set up in a RAID 1 configuration
- DVD+-/RW drive
- USB optical mouse (2 button with scroll), local USB country keyboard, local power cords option
- Height: 42.8mm (1.68”)
- Width: 482.4mm (18.99”) with rack latches / 434.0mm (17.08”) without rack latches
- Depth: 677.3mm (26.66”) with redundant power supply unit including bezel
- Weight (maximum configuration): 13.8kg / 30.42 lbs.
- Dual, hot pluggable redundant 495W power supplies.
- Vibration: Operating: 0.26G at 5Hz to 350Hz, Storage: 1.88G at 10Hz to 500Hz for 15 minutes
- Shock: Operating: 6 shock pulses of 40G for up to 2.3ms, Storage: 6 shock pulses of 71G for up to 2ms
- **NOTE:** Servers do not have PS/2 ports or parallel ports. Requires the use of a USB dongle

The RD1000 is not included in the standard server and must be ordered separately from Dell. Only an external RD1000 can be supplied separately.

This server includes Windows Server® 2016 Standard license and a Server 2016 Standard 64-bit recovery image DVD. Windows Server 2016 Standard 64-bit operating system comes pre-installed. 5 User CAL licenses included. No language support included.

This server supports 1680x1050 monitor resolutions, but does not support 1920x1080 monitor resolutions, multi-monitors or sound cards (no speakers provided with servers).

**NOTE:** This server is based on off-the-shelf Dell R330 Server with 5-year warranty. Spares are provided by Dell based on Dell factory lead times.
Information on the “Windows for Embedded Systems” Operating Systems

“Windows for Embedded Systems” is a version of the Windows Operating systems specifically created and licensed for vendors who are purchasing the operating system for resale as part of a solution such as DeltaV DCS.

The DeltaV SE numbered computers using the “Windows for Embedded Systems” license must only be used as a DeltaV workstation or server for DeltaV application related tasks. These computers may not be purchased for use as a general purpose computer or used for applications where DeltaV or DeltaV related tasks are not primary use for the computer.

Use of KVM (Keyboard, Video, and Mouse) extenders and switches on DeltaV Workstations

Only the specific KVM products listed in the DeltaV Alliance program are supported with DeltaV. Please note the video card information on the workstation computers. The video output connectors have changed and special adaptors must be used [that may not be supplied] or new KVM equipment may have to be obtained to use these computers in existing systems where KVMs are installed. These computers no longer have VGA connectors and the use of VGA adaptors may not be supported by existing KVM devices.

Computer Ordering Information

Ordering numbers are listed in the sections above. These specifications are subject to change without notice. We guarantee that the computers sold for use with the DeltaV system will provide performance and storage space needed to support DeltaV solutions. We do not guarantee that the hardware specifications of the computers will remain unchanged during the sales life of a specific DeltaV SE ordering number.

The DeltaV Workstation and Server specifications provided in this data sheet describe the products sold by Emerson for use with DeltaV Control Systems. These specifications are not provided to allow users to purchase similar computers directly from Dell or other PC vendors. The DeltaV system is supported only on the specific Dell computer configurations specified in this document and sold from our pricebook. The DeltaV system is not supported on other Dell computers or other computer configurations or on non-Dell computers unless specifically noted otherwise. Any use of non-supported computers will affect our ability to provide technical support and will involve additional costs for technical support.

This PDS only provides specifications for DeltaV specific options that can vary from the standard Dell computer. So specifications for features that are built-in and not optional are not listed. If detailed information on the standard features of the computer is required, please refer to the Dell specifications.

NOTE: Hardware specifications of these computers especially as related to: size, backplane connection types (such as COM ports or P/S2 ports), number of slots, etc. are not guaranteed to be available on newer DeltaV workstations as these specifications can change from the vendor. It may not be possible to provide the same capabilities from one version of a DeltaV Workstation to a succeeding version.

To order the computers in this document with specifications different than those listed requires a customer special configuration to be quoted by Emerson. Changing computer specification requires testing the new configuration for compatibility with DeltaV software.
Note about modifying DeltaV Workstation and Server Hardware Configurations

DeltaV workstations and servers are delivered with sufficient memory, hard drives, and network interface cards and other hardware to support all DeltaV applications. No additional hardware changes are required to support DeltaV applications and standard installations. As such we do not support the field installation of additional memory, additional hard drives, added NIC cards, different video cards or other field implemented hardware modifications without consultation with Emerson. Failure to consult with Emerson on any hardware modifications may result in poor DeltaV performance and make it difficult to provide technical support for those workstations that have been modified. Hardware modifications can also require changes to the Windows O/S configuration that may impact the performance of the workstation or the network.