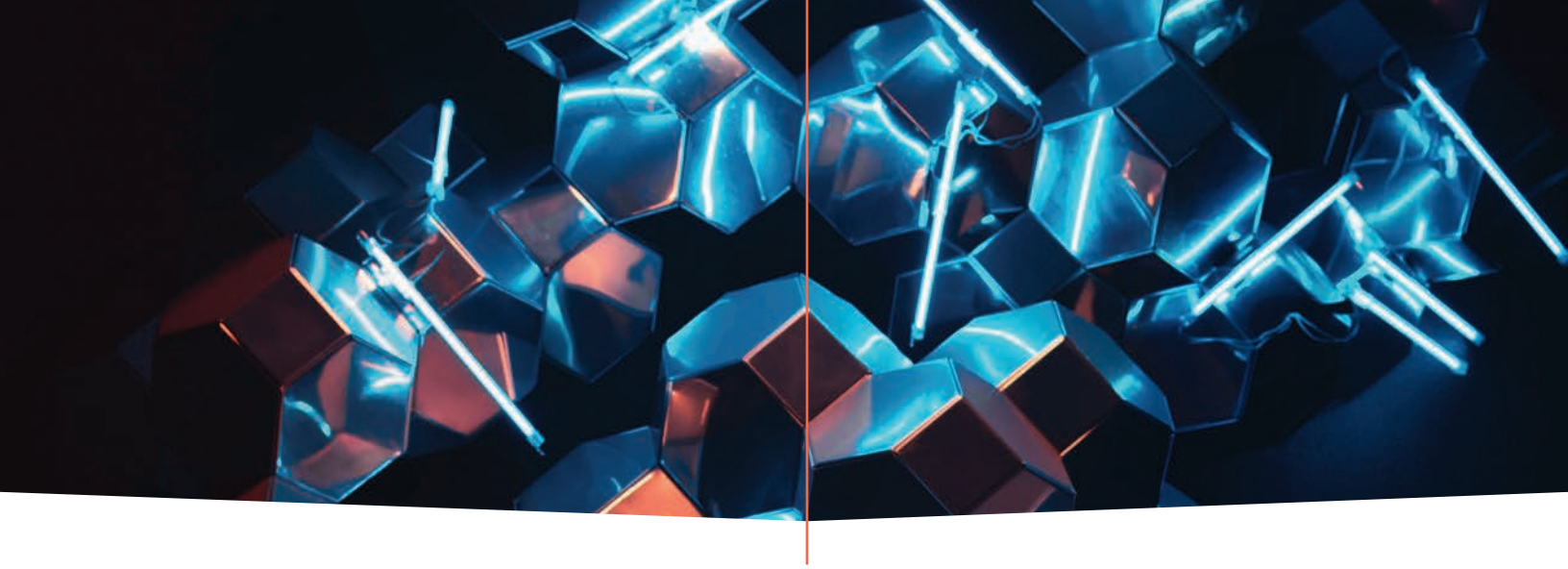


CCIntegration for Dell Technologies OEM

Accelerate Deployment of Your Solution

System Platforms, Design, Integration,
Global Logistics & Support

CC INTEGRATION

DELL Technologies
TITANIUM PARTNER

CC INTEGRATION

CCIntegration

CCIntegration (CCI) was established in 1985 and has been supporting the design, manufacturing, global logistics and life cycle of our software partners' hardware-based solutions ever since. With production facilities in **San Jose, CA** and **Nijmegen, The Netherlands** we support the global needs of established companies and help start-ups scale over their early-stage development.

We handle the hardware so you can focus on your software IP. Get to market quickly with dedicated engineering and project management teams. Our proven methodology and expertise help you every step of the way. We're constantly striving to reduce cycle times, and help you bring your application to the world quickly and correctly.

Accelerating deployment of your solution. At CCI, we ensure that your software application is integrated with a platform that meets the deployment requirements of your IP and provides guaranteed performance right out of the box. CCI can improve on the manufacturer's quality to make your first impression the best one—every time, everywhere. Simply put, we make business happen.

Growing your business. CCI works with every client to uncover new efficiencies that increase revenue and profitability, while our logistics expertise removes barriers to scaling your business by deploying your solutions to new geographies securely and confidently.

Services at a Glance

- Design
- System Platform/ Appliance
- Rack Integration
- Engineering Services
- Inventory Management
- Global Logistics
- Product Lifecycle Management
- Refurbishment Services
- Asset Retirement and Recycling

Dell Technologies OEM

Dell Technologies is the largest OEM systems provider in the world. Their OEM Ready products provide our clients with best-in-class platforms that are fully brandable and offer global regulatory certifications and global onsite support.

Offering the broadest range of platforms (server, storage, workstations, networking) with global support sets them apart from the competition and provides a best in brand solution for our ISV customers.

CCIntegration is a Titanium OEM Partner for Dell Technologies. This status assures our clients certified sales and engineering resources with the highest level of competencies in delivery solutions around Dell Technologies.

As a Dell Technologies Titanium partner, CCI has complete access to the full range of Dell Technologies' servers, storage, workstations, networking and embedded compute products.

CCIntegration offers the best-in-class product portfolio of server technologies ranging from entry level edge computing platforms to high performance GPU platforms.

DELL Technologies
TITANIUM PARTNER

Services

SERVICES

DESIGN

Platform selection

Our engineers use a collaborative onboarding process to determine the platform configuration elements that best address the performance needs of your application. Once the platform is identified, we provide system hardware to test and optimize the software application. We then load and test your image via our automated deployment system, TA|ON ("Talon").

Branding

Most of our customers go to market with a hardware platform that is branded with their specific logos and model designations. Our branding services typically include customization across 3 main elements:

Bezel

Customers can choose from a variety of existing standardized bezels, or our customization team can design a unique bezel to meet your branding requirements, based on your artwork and color choices.

Packaging

For custom-branded packaging, simply provide your company logo images and specifications. Our customization team will produce test samples that meet your requirements and ship the solution in your custom-branded packaging.

ID module

System hardware is configured to have the OEM's logo displayed at power-on/boot. Our customization team can modify the BIOS and ID Module to ensure that your branding is complete across all the elements of the system.

SERVICES

TURN-KEY INTEGRATION

After completion of platform selection, branding and any additional customization requirements, we will provide a First Article of the solution based on the Statement of Work (SoW). **Our engineers document the build, software imaging and quality control (QA) processes necessary to reliably produce a quality product based on your specifications.**

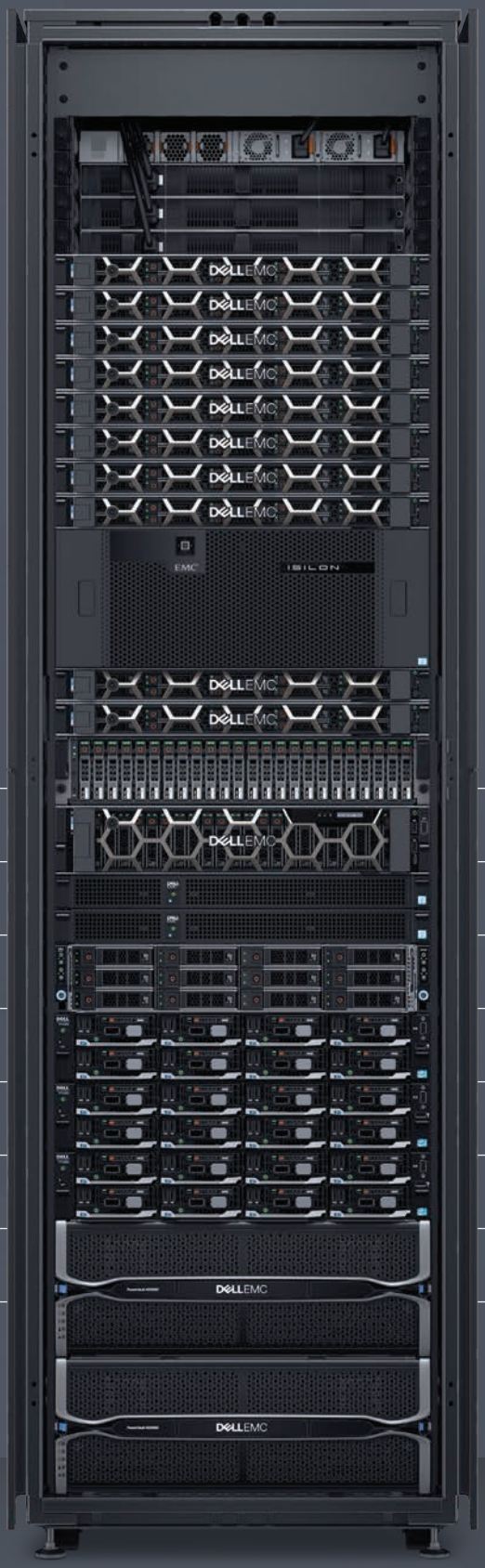
Upon your approval of the First Article unit/solution, we load the Bill of Material (BOM) and procedures into our Enterprise Resource Planning (ERP) system and your product is ready to be manufactured.

Our factory technicians are trained extensively with your approved product and build procedures. In addition, much of the process is automated, especially in areas/procedures that might be sources of human error such as repetitive manual data entry.

SERVICES

RACK INTEGRATION

The solutions we provide run the gamut from individual appliance servers to fully integrated rack solutions. Our rack integration services include a more complex design process where we identify, design and produce an entire purpose-built system in a rack. These racks are shipped complete in a custom crate and arrive onsite ready for turnkey deployment.



Typical components within a rack solution

- Network Switches
- Compute Elements/Nodes *(Servers)*
- Storage Elements *(DAS/NAS/SAN Arrays)*
- Keyboard-Video-Mouse Switch *(KVM)*
- Cabling Design and Component Integration
- Rack Cabinet Style and Size
- Power Distribution Unit *(PDU)*
- Uninterruptible Power Supply *(UPS)*
- Custom Shipping Crate

SERVICES

ENGINEERING

If you are a software-centric company, CCI can offer hardware engineering resources to help you get a cost-optimized, better-performing product into your customers' hands faster. Both reliability and speed-to-market are key factors for success in delivering a complete, purpose-built solution—let CCI's added services sharpen your competitive edge with efficient and effective quality assurance processes that include:

Platform Validation

CCI offers deep expertise to help you select the best hardware/platform for your product. We can help determine which architecture is not only right for your purposes, but will give you a competitive advantage in your market. Most importantly, we do this with a keen eye for cost optimization. By determining your unique needs, such as whether your product is CPU-intensive or memory-intensive, we can propose alternative configurations that hit benchmarks while saving money. We also manage regulatory compliance for all the hardware components used in your solution.

The design of your system is only the beginning—we also support your ongoing success with exceptional life cycle management. Because of our close relationships with technology providers throughout the industry, we are able to closely monitor drive, processor and other component changes and platform updates. This ensures both consistency and stability for the life of your appliance, no matter how the hardware evolves. Finally, CCI will qualify new technology as it emerges, allowing you to continuously improve your competitive edge.

System Test and Validation

Once platform validation is complete, CCI can marry your IP with the hardware to create the appliance that meets your performance requirements. While many integrators approach this type of customer application platform validation as an outsourcing task, we strive to be an extension of a customer's team. Consider us part of your hardware engineering department—we're not down the hall, but we're just a phone call away.

With comparative testing of component options, we can prove out the theoretical to validate and confirm any choices made to lower costs. CCI also provides regression testing against old platforms and can use these techniques to quickly discover problems with new firmware or hardware so that any conflicts that arise cause little to no delay in shipping.

A final part of the validation process is package design and drop testing. In many cases, we have come up with new packaging designs for customers to ensure that their solutions get to their end users in perfect working condition. In addition, CCI can manage every aspect of the regulatory process or regulatory testing.

Services

Performance Testing

Performance testing offers a variety of important benefits. Application workload testing can reveal how your product performs under real-world conditions; for example, CCI can set up a virtual environment with multiple clients hitting a storage array or working against a network security product.

We test both system throughput and the growing area of drive rebuild times. As drives have gotten bigger, rebuild times have gotten longer—and having a drive fail during a rebuild can be very problematic.

One additional area of performance testing that CCI provides centers around end-user experience. The product is sent to CCI and the CCI testing team performs an out-of-box audit to validate that every deployment will be a first-class experience.

Build and Deployment Automation

Because CCI automates significant parts of the build process using TA|ON ("Talon"), our propriety platform, we can get more systems through the factories in less time—enabling you to scale your business more quickly. TA|ON makes this possible by providing:

- Automated scripting for software loads and configuration management
- Data capture of internal components and serial numbers
- Data storage in a CCI database for historical life cycle management review
- Data capture to assure system configuration and components conform to the customer's statement of work

We handle all aspects of image management, from image creation in any format to revision control and deployment as your applications evolve.

CCI also offers SecureLink for loading sensitive or secure IP that cannot be handled by others. SecureLink provides direct access to the production target via a VPN tunnel.

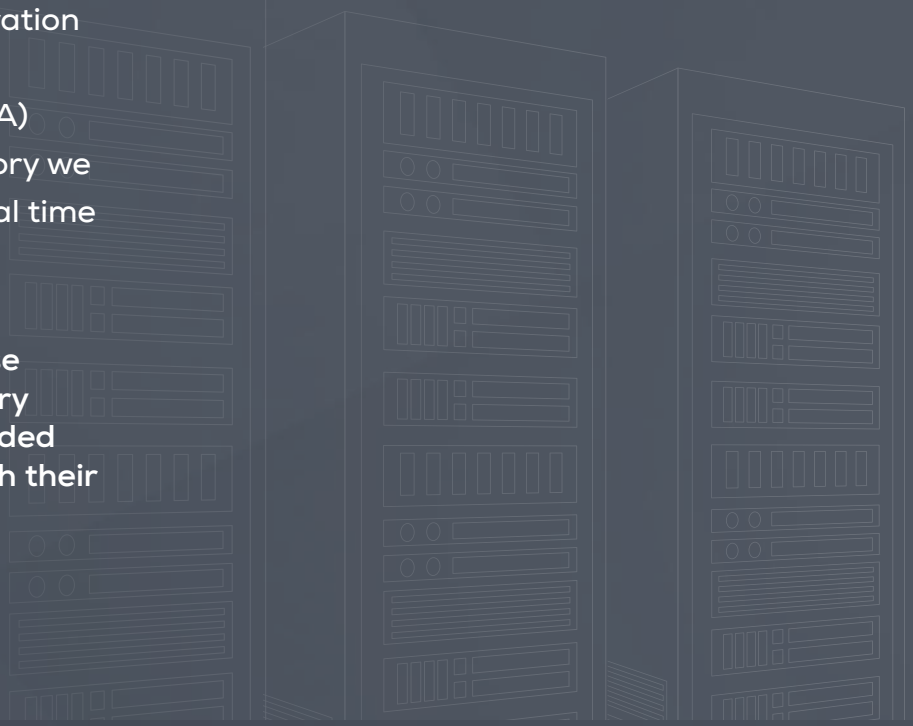
Finally, CCI offers turnkey deployment of fully integrated, purpose-built racks. Rather than send components individually, we pre-rack all components, deploy the operating environment and applications, and prepare and configure the system for rapid onsite deployment. This reduces customer costs, because instead of an engineer having to be sent to the site to deploy the system and get it running, data center staff can simply roll the equipment into place, plug it in, assign that IP address and turn over remote control.

SERVICES

INVENTORY MANAGEMENT

The positioning of inventory at CCIntegration on your behalf is predicated upon the fulfillment Service Level Agreement (SLA) between your company and CCI. Inventory we position for you is always viewable in real time via our web portal.

Many of our customers require same-day or next-day shipment. To meet these requirements, we must position inventory on-site based upon the customer-provided sales forecast to ensure compliance with their fulfillment SLA.



Our Delivery on Demand (DoD) program can offer you off-site raw inventory from our suppliers that provides readily available safety stock for those times when your sales demand exceeds your sales forecast.

Finished Goods Inventory (FGI), product ready to ship at a moment's notice, can be positioned at any of our facilities to assure minimum turnaround time on orders, allowing you to meet your month-end demand requirements.

In addition, customers often provide their clients with evaluation systems to validate the solution before purchase. CCI can handle the outbound management of Evaluation (POC) Inventory, RMA return and refurbishment services for your next POC deployment.

SERVICES

GLOBAL LOGISTICS

Clients are often overwhelmed by the task of managing global logistics and the associated country customs and regulatory processes and managing global logistics is a critical value that we deliver to customers. **We are your trusted partner, ensuring that this complex process is expertly performed by our experienced global operations team.**

Nijmegen,
The Netherlands

Elements key to reliable global logistics

Assuring that system components carry all of the regulatory certifications required by the destination country.

Determining if the systems and software of your solution are restricted items on the US State Departments list of exports, and assuring appropriate filings are performed for these technologies (ECCN).

Showing you how to create a commercial invoice that will meet the destination countries' customs requirements.

Assuring that appropriate ICC-standard Incoterms have been established; clarifying who pays duties, taxes and shipping costs; and identifying the Importer of Record (IoR).

San Jose, CA
USA

SERVICES

PRODUCT LIFECYCLE MANAGEMENT

Technology changes are inevitable. Our engineers and program managers share information on platform and component changes on a quarterly basis, and typically give visibility to known changes at least 90 days in advance of an impact on your product. This advanced notice allows you to review pending changes and determine if they will have an impact on your software images, hardware requirements or deliverables. You can request new First Article (FA) systems to regression test and verify proper function of your solution.

Life cycles differ depending upon the platform you select. Server platforms typically offer a 3-year product life cycle, while client and endpoint devices tend to have shorter lifespans. Collaborative technology transition planning is an important service that our engineering team provides—it is critical to avoiding supply interruptions. We construct and maintain technology roadmaps for all products we sell. These roadmaps act as a planning guide for anticipating technology changes, then planning and migrating to next-generation platforms before they impact shipments.

SERVICES

REFURBISHMENT

CCIntegration also provides “like new” refurbishment services that help maximize ROI on proof-of-concept systems. If your customer does not move forward with the solution, we can manage the return materials authorization (RMA) process and provide a complete cosmetic and technical platform refresh.

Refurbishment services typically include:

- A Statement of Work (SoW) established for services that will be provided
- Return Materials Authorization (RMA) issued and return managed by CCIntegration
- Product inspection for damage or missing items
- Product restoration to “like new” status
- Data wipe of data storage
- Re-imaging with the client’s application
- Packaging of the refurbished product in new materials
- Placement into Customer-Owned Inventory (COI), ready for future Proof of Concept (PoC) service requirements

SERVICES

ASSET RETIREMENT AND RECYCLING

CCI is committed to superior customer service not only throughout the product life cycle, but at the end of it as well. If desired, we can help you resell, recycle or return your excess computer equipment in a secure and environmentally conscious manner that complies with local regulatory guidelines.

Responsible disposal of your used technology with CCI is a simple, 3-step process:

Asset Removal – We take care of all the pickup logistics of the hardware you are retiring.

Data Security – We use an onsite data sanitization process on all used devices to protect you from accidental leakage of sensitive or proprietary data.

Resale and Recycling – After we have picked up and sanitized your systems, we will audit your equipment to determine the value. We then help you resell it to a third party. Equipment that has no residual value is recycled appropriately.

No matter which service you use, CCI will provide you with a detailed status report on the data sanitization and outcome of each retired system. We also can provide a Confirmation of Disposal to verify that the sanitization was successful or that the drive was shredded to prevent data recovery in the case of a non-functioning drive and that all recycling met or exceeded local regulatory guidelines. In addition, for all equipment disposal we provide a settlement report which lists the resell value of each piece of resold hardware and documents any other disposed equipment.

Support

Service is a critical-cost component of the solution and should be evaluated at time of design to assure the technology partner you select offers a robust, global service model. The biggest mistake our clients make is treating support as an afterthought, not a key consideration when designing a platform solution.

Onsite Global Service Model

The onsite service model is the most requested model of our service offering. Our clients determine whether the issue is software- or hardware-related. If hardware is the point of failure, we'll deploy parts and labor to repair the item. This service is performed per the SLA purchased at time of order. Common term options include:

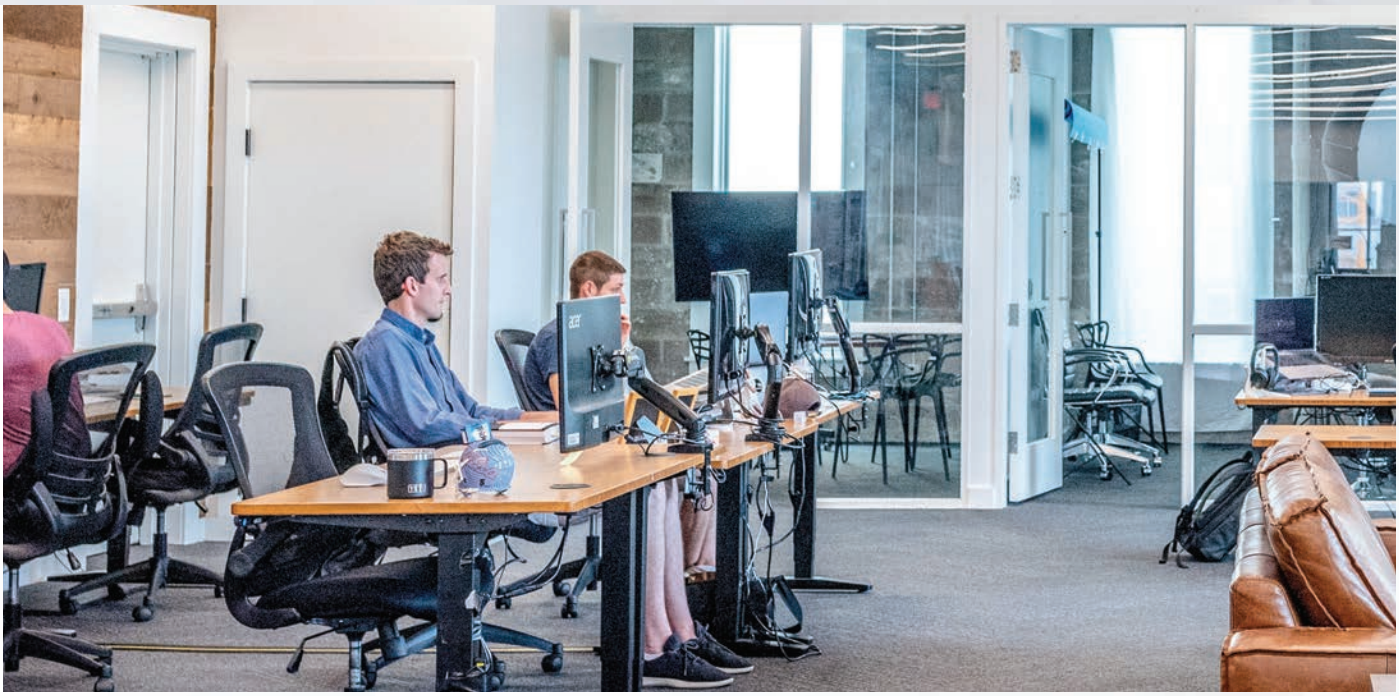
3 years	Onsite	NBD	365 days x 7 days x 24 hrs	
3 years	Onsite	NBD	365 days x 7 days x 24 hrs	Keep your hard drive
3 years	Onsite	4 hours	365 days x 7 days x 24 hrs	
Deployment Solutions	An onsite service where the systems are unpacked, installed and connected to the network. The system is then ready for the final step in deployment by the customer or our ISV customer.			

Support contracts are offered in customizable time frames from 3 to 5 years. Consult with your CCI representative for additional information.

ADVANCED SYSTEM REPLACEMENT (ASR)

ASR is a support model that some customers employ to mitigate managing an onsite repair at their customer site. This model is different from onsite service and simply ships a complete system as the replacement for the failed system. The customer receives the ASR unit, places the failed unit in the system box that was received and returns it to CCI (RMA shipping label provided).

CCI will evaluate and refurbish the failed unit once received and place into Customer-Owned Inventory (COI) for future ASR requirements.



Core Products

Single Processor (Entry level) servers

Dell PowerEdge Servers	T150	R250	R350	T350	R6515
Chassis Type	Tower	Rack	Rack	Tower	Rack
Rack Height	4U (rack kit)	1U	1U	4.5U (rack kit)	1U
CPU Sockets	1	1	1	1	1
CPU Family	Intel® Xeon® E2300/ Pentium® Processor	Intel® Xeon® E2300/ Pentium® Processor	Intel® Xeon® E2300/ Pentium® Processor	Intel® Xeon® E2300/ Pentium® Processor	AMD EPYC™
Maximum Cores per CPU	8 Cores/CPU	8 Cores/CPU	8 Cores/CPU	8 Cores/CPU	64 cores/CPU
Maximum Memory	128GB	128GB	128GB	128GB	192GB
Maximum Drive Bays	4 x 3.5" Cabled	4 x 3.5" Cabled/HS	8 x 2.5" or 4 x 3.5"	8 x 2.5" or 8 x 3.5"	10 x 2.5" or 4 x 3.5"
Maximum Power Supplies	Single Fixed 400W	Single 450W	Dual 600W	Dual 600W	Dual 550W
Maximum Physical Dimensions	H: 362.9 mm (14.28 in) W: 175 mm (6.88 in) D: 418.75 mm (16.48 in)	H: 42.8 mm (1.685 in) W: 434.0 mm (17.08 in) D: 563 mm (22.16 in)	H: 42.8 mm (1.68 in) W: 434.0 mm (17.09 in) D: 563.3 mm (22.18 in)	H: 382.5 mm (15.05 in) W: 175 mm (6.88 in) D: 562.12 mm (22.13 in)	H: 42.8 mm (1.69 in) W: 434.0 mm (17.08 in) D: 692.6 mm (27.26 in)
Maximum Weight	11.68 kg (25.74 lb)	12.48 Kg (27.51 lb)	36.3 kg (80.02 lb)	25.34 kg (55.86 lb)	21.9 Kg (48.3 lb)

Dual Processor (Mid Range) servers

Dell PowerEdge Servers	R450	R550	R650	R650xs	R6525
Chassis Type	Rack	Rack	Rack	Tower	Rack
Rack Height	1U	2U	1U	1U	1U
CPU Sockets	2	2	2	2	2
CPU Family	Intel® Xeon® Scalable	Intel® Xeon® Scalable	Intel® Xeon® Scalable	Intel® Xeon® Scalable	AMD EPYC™
Maximum Cores per CPU	24 Cores/CPU	24 Cores/CPU	40 Cores/CPU	32 Cores/CPU	64 Cores/CPU
Maximum Memory	1TB	1TB	8TB	1TB	4TB
Maximum Drive Bays	8 x 2.5" or 4 x 3.5"	16 x 2.5" or 8 x 3.5"	10 x 2.5" or 4 x 3.5"	10 x 2.5" or 4 x 3.5"	12 x 2.5" or 4 x 3.5"
Maximum Power Supplies	Dual 1100W	Dual 1100W	Dual 1400W	Dual 1400W	Dual 1400W
Maximum Physical Dimensions	H: 42.8 mm (1.685 in) W: 482 mm (18.97 in) D: 748.79 mm (29.47 in)	H: 86.8 mm (3.41 in) W: 434.0 mm (17.08 in) D: 685.78 mm (26.99 in)	H: 42.8 mm (1.69 in) W: 434.0 mm (17.08 in) D: 787.05 mm (30.98 in)	H: 42.8 mm (1.69 in) W: 434.0 mm (17.08 in) D: 787.05 mm (30.98 in)	H: 42.8 mm (1.69 in) W: 434.0 mm (17.08 in) D: 787.1 mm (31.0 in)
Maximum Weight	16.58 kg (36.55 pound)	24.80 kg (54.67 lb)	21.2 kg (46.7 lb)	21.2 kg (46.7 lb)	21.8 Kg (48.1 lb)

Storage Centric Servers (12 storage bays+)

Dell PowerEdge Servers	R750	R750xs	R7525	R7515	R740xd	R740xd2
Chassis Type	Rack	Rack	Rack	Rack	Rack	Rack
Rack Height	2U	2U	2U	2U	2U	2U
CPU Sockets	2	2	2	2	2	2
CPU Family	Intel® Xeon® Scalable	Intel® Xeon® Scalable	AMD EPYC™	AMD EPYC™	Intel® Xeon® Scalable	Intel® Xeon® Scalable
Maximum Cores per CPU	40 Cores/CPU	32 Cores/CPU	64 Cores/CPU	64 Cores/CPU	28 Cores/CPU	22 Cores/CPU
Maximum Memory	12TB	1TB	4TB	2TB	3TB	512GB
Maximum Drive Bays	24 x 2.5" or 12 x 3.5"	24 x 2.5" or 12 x 3.5"	26 x 2.5" or 12 x 3.5"	24 x 2.5" or 12 x 3.5"	32 x 2.5" or 18 x 3.5"	26 x 3.5"
Maximum Power Supplies	Dual 2400W	Dual 1400W	Dual 2400W	Dual 1600W	Dual 2000W	Dual 1100W
Maximum Physical Dimensions	H: 86.8 mm (3.42 in) W: 434.0 mm (17.09 in) D: 736.29 mm (28.98 in)	H: 86.8 mm (3.41 in) W: 434.0 mm (17.09 in) D: 685.78 mm (26.99 in)	H: 86.8 mm (3.42 in) W: 434.0 mm (17.09 in) D: 736.3 mm (28.98 in)	H: 86.8 mm (3.42 in) W: 434.0 mm (17.09 in) D: 681.8 mm (26.84 in)	H: 86.8 mm (3.42 in) W: 434.0 mm (17.09 in) D: 715.5 mm (28.17 in)	H: 86.8 mm (3.42 in) W: 448.0 mm (17.64 in) D: 812.8 mm (32.00 in)
Maximum Weight	35.3 kg (77.82 lb)	28.76 kg (63.40 lb)	36.3 Kg (80.0 lb)	27.3 Kg (60.2 lb)	33.1 Kg (72.9 lb)	43.2 Kg (95.2 lb)

Converged servers

Dell Conrged Servers	C6400 Chassis	C6420 Sled	C6400 with 4 x C6420 Sleds	C6520 Sled	C6400 with 4 x C6520 Sleds
Chassis Type	Rack	Rack	Rack	Rack	Rack
Rack Height	2U	1U	2U	1U	2
CPU Sockets		2	8	2	8
CPU Family		Intel® Xeon® Scalable	Intel® Xeon® Scalable	Intel® Xeon® Scalable	Intel® Xeon® Scalable
Maximum Cores per CPU		28 Cores/CPU	28 Cores/CPU	40 Cores/CPU	40 Cores/CPU
Maximum Memory /#DIMMs		2TB	6TB	2TB	8TB
Maximum Drive Bays		6 x 2.5" SAS/ SATA, NVMe or 3 x 3.5" SAS/SATA	24 x 2.5" SAS/ SATA, NVMe or 12 x 3.5" SAS/SATA	6 x 2.5" SAS/ SATA, NVMe or 3 x 3.5" SAS/SATA	24 x 2.5" SAS/ SATA, NVMe or 12 x 3.5" SAS/SATA
Maximum Power Supplies	Dual 2600W		Dual 2400W		Dual 2600W
Physical Dimensions	H: 86.8 mm (3.42 in) W: 448.0 mm (17.64 in) D: 797.3 mm (31.39 in)		H: 86.8 mm (3.42 in) W: 448.0 mm (17.64 in) D: 797.3 mm (31.39 in)	H: 40.1 mm (1.58 in) W: 174.4 mm (6.86 in) D: 570.34 mm (22.45 in)	H: 40.1 mm (1.58 in) W: 174.4 mm (6.86 in) D: 570.34 mm (22.45 in)
Maximum Weight	5.58 Kg (12.31 lb)		43.62kg (96.16 lb)	21.2 kg (46.7 lb)	45.6 kg (100.53 lb)

GPU Servers

Dell PowerEdge Servers	XE8545	R750xa
Chassis Type	Rack	Rack
Rack Height	4U	2U
CPU Sockets	2	2
CPU Family	AMD EPYC™	Intel® Xeon® Scalable
Maximum Cores per CPU	64 Zen3 Cores/CPU	40 Cores/CPU
Maximum GPU Capacity	4x NVIDIA A100 SXM4 w/ NVLINK	4 x Double-Wide or 6 x Single-Wide GPU's
GPU Types Supported		AMD: MI100 NVIDIA Tesla: T4, M10 NVIDIA Ampere: A10, A16, A30, A40, A100
Maximum Memory	2TB	10TB
Maximum Drive Bays	10 x 2.5 SAS/SATA and 8 x 2.5 NVMe	10 x 2.5 SAS/SATA and 8 x 2.5 NVMe
Maximum Power Supplies		Dual 2400W
Physical Dimensions	H: 174.8 mm (6.88 in) W: 482.0 mm (18.97 in) D: 845.59 mm (33.29 in)	H: 86.8 mm (3.42 in) W: 434.0 mm (17.09 in) D: 872.8 mm (34.36 in)
Maximum Weight	48.61 kg (107.17 lb)	34.9 kg (76.94 lb)

Client Platforms

Dell Optiplex	XE4	7000XE	7080XE
Chassis Type	Tower	Tower	Tower
Tower/Rack Height	SFF		MFF
CPU Sockets	1	1	1
CPU Family	10th Gen Intel®: i3/i5/i7/i9 11th Gen Intel®: i5/i7/i9	12th Gen Intel®: 5/i7/i9	10th Gen Intel®: i3/i5/i7/i9 11th Gen Intel®: i5/i7/i9/
Maximum Cores per CPU	10 Cores/CPU	16 Cores/CPU	10 Cores/CPU
Maximum Memory	128GB	128GB	64GB
Maximum Drive Bays	2 x 2.5" / 1 x 3.5"	2 x 2.5"	1 x 2.5" HDD, 1 x M.2 SSD
Maximum Power Supplies	Single Fixed 300W	Single 260W, 400W or 500W	Single: 90W / 130W
Physical Dimensions	H: 290 mm (11.42 in.) W: 92.6 mm (3.65 in.) D: 292.8 mm (11.53 in.)	Width: 6.65 in. (169.00 mm), Depth: 11.84 in. (300.8 mm), Height: 14.45 in. (367 mm)	Height: 7.16 in. (182.00 mm) Width: 1.42 in. (36.00 mm) Depth: 7.03 in. (178.56 mm)
Maximum Weight	5.956 kg (13.131 lb)	21.35 lb. (9.68 kg)	3.04 lb (1.38 kg)

Workstations

Dell Precision Workstations	3930 Rack	3450	3650	5820 Towe	7820 Tower	7920 Rack
Chassis Type	Rack	Tower	Tower	Tower	Tower	Rack
Rack Height	1U	SFF	Tower	Mid Tower	Mid Tower	2U, Tower available
CPU Sockets	1	1	1	1	2	2
CPU Family	Intel® Xeon® E2100/i3/i5/i7	10th Gen Intel®: i3/i5/i7/i9/ Xeon® 11th Gen Intel®: i5/i7/i9/Xeon®	10th Gen Intel:® i3/i5/i7/i9/ Xeon®-W 11th Gen Intel®: i5/i7/i9/ Xeon®-W	Intel® Xeon® W Series	Intel® Xeon® Scalable	Intel® Xeon® Scalable
Maximum Cores per CPU	6 Cores/CPU	10 Cores/CPU	10 Cores/CPU	18 Cores/CPU	28 Cores/CPU	28 Cores/CPU
Maximum Memory	64GB	128GB	128GB	256GB	384GB	3TB
Maximum Drive Bays	4 x 2.5" or 2 x 3.5"	2 x 2.5" / 1 x 3.5"	4 x 2.5" or 3 x 3.5"	6 x 2.5" HS or 5 x 3.5" HS	6 x 2.5" HS or 5 x 3.5" HS	8 x 2.5" HS or 8 x 3.5" HS
Maximum Power Supplies	Dual 550W	Single Fixed 300W	Single Fixed 1000W	Single 950W	Single 950W	Dual 1600W
Physical Dimensions	H: 42.8 mm (1.7 in) W: 482 mm (18.9 in) D: 578 mm (22.7 in)	H: 290 mm (11.42 in.) W: 92.6 mm (3.65 in.) D: 292.8 mm (11.53 in.)	H: 355.00 mm (13.18 in.) W: 176.60 mm (6.95 in.) D: 345.00 mm (13.60 in.)	H: 41.4 cm (16.3 in) W: 17.3 cm (6.8 in) D: 47.1 cm (18.6 in)	H: 41.4 cm (16.3 in) W: 17.3 cm (6.8 in) D: 47.1 cm (18.6 in)	H: 86.8 mm (3.42 in) W: 434 mm (17.1 in) D: 715.5 mm (28.17 in)
Maximum Weight	19.4 kg (42.7 lb)	5.956 kg (13.131 lb)	10.6 kg (23.37 lb)	19.1 kg (42.2 lb)	19.1 kg (42.2 lb)	28.6 kg (63.1 lb)

Rugged Edge Servers

Dell Rugged Edge Servers	XR11	XR12	XE2420	3200
Chassis Type	Rack	Rack	Rack	Coming in June
Tower/Rack Height	1U	2U	2U	
CPU Sockets	1	1	2	
CPU Family	Intel® Xeon® Scalable	Intel® Xeon® Scalable	Intel® Xeon® Scalable	
Maximum Cores per CPU	36 Cores/CPU	36 Cores/CPU	24 Cores/CPU	
Maximum Memory	2TB	2TB	1.8TB	
Maximum Drive Bays	4 x 2.5" - SAS, SATA, NVMe	6 x 2.5" - SAS, SATA, NVMe	4 x 2.5" or 6 x EDSFF E1.L	
Maximum Power Supplies	Dual 1400W	Dual 1400W	2000W AC or 1100W DC	
Physical Dimensions	H: 42.8 mm (1.68 in) W: 482.6 mm (19 in) D: 434 mm (17.08 in)	H: 86.8mm (3.41 in) W: 482.6 mm (19 in) D: 434 mm (17.08 in)	H: 86.92 mm (3.42-inch) W: 444 mm (17.48-inch) D: 496.1 mm (19.53-inch)	
Maximum Weight	13.8 kg (30.42 lb)	20.5 kg (45.19 lb)	18.93 kg (41.65 lb)	

Power Vault Storage (SAN/NAS)

Dell PowerVault ME Storage	ME4012	ME4024	ME4084	ME412 Expansion (with ME4012 only)	ME424 Expansion (with ME4024 only)	ME484 Expansion (with any ME4xxx)
Chassis Type	Rack	Rack	Rack	Rack	Rack	Rack
Rack Height	2U	2U	5U	2U	2U	5U
Maximum Drive Bays	12 x 2.5"/3.5"	24 x 2.5"	84 x 2.5"/3.5"	12 x 2.5"/3.5"	24 x 2.5"	84 x 2.5"/3.5"
Storage Array Type	SAN or DAS	SAN or DAS	SAN or DAS	Expansion Only	Expansion Only	Expansion Only
CPU Family	Intel® Broadwell Dual Core	Intel® Broadwell Dual Core	Intel® Broadwell Dual Core			
Number of Controllers per Array	2 HS, Single or Dual	2 HS, Single or Dual	2 HS, Dual Only			
System Memory per Controller	8GB	8GB	8GB			
Connection Options (4 Ports per Array)	12Gb SAS 10Gb iSCSI BaseT or SFP+ 16Gb Fibre Channel	12Gb SAS 10Gb iSCSI BaseT or SFP+ 16Gb Fibre Channel	12Gb SAS 10Gb iSCSI BaseT or SFP+ 16Gb Fibre Channel	SAS Expansion Ports	SAS Expansion Ports	SAS Expansion Ports
Storage Media Interface	12Gb SAS/ NLSAS (Mixed)	12Gb SAS/ NLSAS (Mixed)	12Gb SAS/ NLSAS (Mixed)	12Gb SAS/ NLSAS (Mixed)	12Gb SAS/ NLSAS (Mixed)	12Gb SAS/ NLSAS (Mixed)
Management	MESM HTML5 GUI	MESM HTML5 GUI	MESM HTML5 GUI			
Maximum Power Supplies	Dual 580W	Dual 580W	Dual 580W	Dual 2200W	Dual 580W	Dual 2200W
Physical Dimensions	H: 87.9 mm (3.46 in) W: 483.0 mm (19.01 in) D: 602.9 mm (23.74 in)	H: 87.9 mm (3.46 in) W: 483.0 mm (19.01 in) D: 602.9 mm (23.74 in)	H: 222.3 mm (8.75 in) W: 483.0 mm (19.01 in) D: 974.7 mm (38.31 in)	H: 87.9 mm (3.46 in) W: 483.0 mm (19.01 in) D: 602.9 mm (23.74 in)"	H: 87.9 mm (3.46 in) W: 483.0 mm (19.01 in) D: 602.9 mm (23.74 in)	H: 222.3 mm (8.75 in) W: 483.0 mm (19.01 in) D: 974.7 mm (38.31 in)
Maximum Weight	32.0Kg (71.0 lb)	30.0Kg (66.0 lb)	135.0Kg (298.0 lb)	28.0Kg (62.0 lb)	25.0Kg (55.0 lb)	130.0Kg (287.0 lb)
Regulatory certifications	Global*	Global*	Global*	Global*		

* CCI can provide list of certifications upon request

About Us

INDIVIDUAL FOCUS

To ensure that our customer engagements are successful, we begin by making every effort to understand your company and market requirements. We "think outside the box" to consistently go beyond basic integration services to ensure superb quality, rapidly roll out product, manage inventory and assets, accelerate delivery and offer continuous new product development. Our promise is to bring the highest levels of integrity, quality and reliability to each and every relationship–delivering the best in custom OEM solutions and services on time, every time.

GLOBAL EXPERTISE

CCI's Global Integration and Logistics Fulfillment Centers serve our customers' needs throughout the world. Located in San Jose, CA and Nijmegen, The Netherlands, these centers offer multinational customers within CCI's global footprint viable options for bringing your products to market anywhere in the world.

Solid, long-term relationships with leading hardware manufacturers allow us to offer cutting-edge single servers, High Performance Computers (HPC), Storage Systems and Client platform solutions to customers in diverse industries worldwide. We keep businesses safely on track using a single, global process and proprietary B2B software perfected to manage your inventory, logistics, ordering and refurbishment across the country or around the world.

A COMMITMENT TO EXCELLENCE

CCIntegration, Inc. is committed to consistently delighting our customers with quality products, on-time delivery and superior account service. Achieving these goals demands that we maintain excellent customer focus and understand applicable requirements, while devoting ourselves to continuous improvement and employee empowerment, training and teamwork. Our company values integrity and honesty in all our dealings with customers, partners, vendors and employees.

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