

Overview

紫光 U70080 C Server

The 紫光 U70080 C Server is a rack-mounted 8-socket platform optimized to support your data-intensive workloads. It features the latest enterprise-class Intel® Xeon® processor E7-8800 v4 family, with built-in reliability, to help protect your applications from downtime.

This platform is purposefully designed for data-intensive, I/O heavy workloads and comes with up to 12TB of memory to provide a magnitude of performance gains with in-memory database technology. With a maximum of 192 cores of powerful Xeon compute, the U70080 C is ideal to deploy your large Linux applications, and realize all the benefits of scaling-up. These include lower IT infrastructure costs for footprint, power, cooling, patching, and firmware – ideal when IT resources are thin. A broad portfolio of mission critical UNIS Services gives you peace of mind and confidence as you deploy your large workloads on the U70080 C Server.



Standard Features

Models	<p>The 紫光 U70080 C Server is available in five (5) base configuration: UNIS</p> <ul style="list-style-type: none"> - U70080 8S E7-8867 v4 Server - UNIS U70080 8S E7-8880 v4 Server - UNIS U70080 8S E7-8890 v4 Server - UNIS U70080 8S E7-8891 v4 Server
Processors	<p>Eight (8) Intel® Xeon® E7-8800 v4 processors are configured in each server:</p> <ul style="list-style-type: none"> - Intel Xeon Processor E7-8867 v4 18-core/2.4GHz/165W/45M - Intel Xeon Processor E7-8880 v4 22-core/2.2GHz/150W/55M - Intel Xeon Processor E7-8890 v4 24-core/2.2GHz/165W/60M - Intel Xeon Processor E7-8891 v4 10-core/2.8GHz/165W/60M - Intel Xeon Processor E7-8893 v4 4-core/3.2GHz/140W/60MB
Memory Modules	<p>DDR4 Registered (R) DIMMs in 8GB, 16GB, 32GB and 64GB capacities. Memory kits sold in quantities of 64 DIMMs.</p> <ul style="list-style-type: none"> - UNIS U70080 512GB (64x8GB) PC4-2133P-R DIMMs (DDR4) Memory Kit - UNIS U70080 1TB (64x16GB) PC4-2133P-R DIMMs (DDR4) Memory Kit - UNIS U70080 2TB (64x32GB) PC4-2133P-R DIMMs (DDR4) Memory Kit - UNIS U70080 4TB (64x64GB) PC4-2133-LR DIMMs (DDR4) Memory Kit
Internal Storage	<p>Base IO: Zero (0) or two (2) 1.8" SATA solid state drives (SSDs) for boot.</p> <ul style="list-style-type: none"> - UNIS U70080 400GB Base SATA 1.8in - UNIS U70080 800GB Base SATA <p>Internal drives: Zero (0), two (2) or four (4) HDDs or SSDs for boot and/or data</p> <ul style="list-style-type: none"> - UNIS U70080 600GB 6G SAS 10K 2.5in HDD - UNIS U70080 900GB 6G SAS 10K 2.5in HDD - UNIS U70080 200GB 12G SAS 2.5in MLC - UNIS U70080 400GB 12G SAS 2.5in MLC SSD - UNIS U70080 800GB 12G SAS 2.5in MLC SSD - UNIS U70080 1.6TB 12G
Internal SAS Controller	<p>The UNIS U70080 6Gb 4p Internal SAS Controller is required when ordering internal drives</p> <ul style="list-style-type: none"> - Support for four (4) internal Hard Disk Drive (HDDs) or Solid State Drives (SSDs) - Supports RAID 0, 1, 10
Optical Media Drive	<p>One (1) UNIS DVD-RW or DVD-R Optical Drive</p>
Embedded Ethernet	<p>Embedded 10/100/1000 Base-T LAN (auto sensing; RJ 45 connector). The system auto-selects the Ethernet port speed and type (duplex vs. half-duplex) when the server is booted, based on to what it is connected.</p>
Embedded VGA, USB and Serial ports	<p>15-pin VGA port supports:</p> <ul style="list-style-type: none"> - Server-class 2D hardware acceleration support with integrated 24-bit RAMDAC - Display resolution up to 1600 x 1200 @ 60Hz - Up to 128 Mbytes DDRII memory interface support <p>Four (4) USB Type A ports to support general USB applications and optional keyboard and mouse configurations</p>

Standard Features

- 9-pin Serial port provides serial access to the individual chassis.

I/O Expansion slots The Integrity U70080 C Server supports twenty (20) PCIe Gen3 slots

- Base chassis: eight (8) PCIe Gen3 slots; four (4) x8 slots and four (4) x16 slots
- Expansion chassis: twelve (12) PCIe Gen3 slots; eight (8) x8 slots and four (4) x16 slots

Network Adapters Support for PCIe Gen3 1 Gb/s and 10 Gb/s network adapters for Local Area Network (LAN)

- UNIS U70080 10GbE Fiber 2p
- Adapter UNIS U70080 10GBASE-T 2p Adapter
- UNIS U70080 1000BASE-T 4p 5719
- Adapter UNIS U70080 1000BASE-T 4p

Fibre Channel Host Bus Adapters Support for 16 Gb/s Fibre Channel Host Bus Adapters

- UNIS U70080 SN1100E 16Gb 2P FC
- Avago Tech (Emulex) LPe16002B 2-port Fibre Channel Host Bus Adapter

SAS RAID Controllers Support for 6 Gb/s and 12 Gb/s SAS RAID Controllers

- UNIS U70080 6Gb 16p Ext SAS Controller
- UNIS U70080 12Gb 8p Ext SAS Controller
- UNIS U70080 6Gb 4p Internal SAS Controller (required when using internal)

InfiniBand Host Channel Adapters Support for Fourteen-Data Rate (FDR) InfiniBand and 40 Gb/s Ethernet Adapter

- UNIS U70080 IB FDR/EN 40Gb 2p QSFP Adapter

IO Accelerator Cards Support for Solid State Drive (SSD) IO accelerator cards

- UNIS U70080 800GB P3700 SSD Accelerator
- UNIS U70080 2TB P3700 SSD Accelerator

Power & Cooling Each of the two U70080 C chassis include four (4) power supplies and four (4) cooling fans

- Eight (8) hot-swap 12-Volt, 1600 Watt (Platinum) [200-240 VAC] Power supplies
- Eight (8) hot-swap cooling fan assemblies

Key Power & Cooling Features:

- Redundant, hot-swappable power supplies and cooling fans
- Online fault detection and ACPI support

Rack Management Controller (RMC) Each Integrity U70080 C system has a rack management controller (RMC) located directly below the U70080 C enclosures in a rack. The RMC supports powering up and down of the system motherboards and environmental monitoring of both Integrity U70080 C chassis units within the server. In addition, the RMC provides the top layer of system control for Integrity U70080 C system.

One GigE port from each U70080 C chassis connects to the RMC via Cat-5 cable.

Certified Operating

- SUSE® Linux® Enterprise Server 11 SP3 and 12
- Red Hat® Enterprise Linux 6.6 and above, and 7.1 and above

Standard Features

Environments	<ul style="list-style-type: none">- Oracle® Linux 7; including Oracle VM 3.4 <p>NOTE: For more information on the UNIS Certified and Supported Hewlett Packard Enterprise servers for OS and Virtualization Software and latest listing of software drivers available for your server, please visit our Support Matrix at: http://www.UNIS.com/info/ossupport</p>
UNIS Serviceguard for Linux	<p>UNIS Serviceguard for Linux x86 is high availability clustering software designed to protect applications and services from planned and unplanned downtime.</p> <p>Serviceguard for Linux (SGLX) ensures 24x7 application availability by packaging an application or service with its associated resources, and moving that package to other servers as needed. Packages can be moved automatically when Serviceguard detects a failure in a resource, or manually in order to perform system maintenance or upgrades. By monitoring the health of each server (node) within a cluster, Serviceguard for Linux quickly responds to failures such as those that affect processes, memory, LAN media and adapters, disk, operating environments, and more.</p> <p>Serviceguard for Linux also includes many out-of-the-box features that ensure scalability and allow intricate control over cluster configuration, and optimizes in-house expertise for businesses already running Serviceguard for UNIS-UX. Application Integration Toolkits are also available, and serve to quickly integrate complex applications into a Serviceguard for Linux cluster. The Application Integration Toolkit portfolio includes the Serviceguard Toolkit for NFS and the Serviceguard Contributed Toolkit Suite which are available at no charge. In addition to high availability within a data center, the Serviceguard for Linux offers a powerful and comprehensive suite of disaster recovery solutions.</p> <p>NOTE: For more information on UNIS Serviceguard for Linux (SGLX) reference the SGLX QuickSpecs.</p>
Warranty	<p>Three-year parts, 3 Year Labor and 3 Year on-site limited global warranty.</p> <p>Protected by Hewlett Packard Enterprise Services and a worldwide network of Hewlett Packard Enterprise Authorized Channel Partners.</p>
Storage support	<p>The U70080 C Server uses industry standard components such as the Intel Xeon processor E7-8800 family, the LPe16002B Fibre Channel adapter, and standard Linux distributions. As such, external storage array interoperability with the U70080 C Server is like any other industry standard server and can be used with storage arrays supporting servers configured with these industry standard components.</p> <p>Supported UNIS Storage arrays include:</p> <ul style="list-style-type: none">- UNIS 3PAR StoreServ 20000/8000/7000/10000- Storage UNIS MSA 2040 Storage- UNIS XP7 Storage- UNIS XP P9500 Storage <p>For detailed information on supported UNIS Storage devices, please visit the UNIS SPOCK website.</p>

Services and Support

UNIS Technology

Protect your business beyond warranty with UNIS Support Services
UNIS Technology Services delivers confidence, reduces risk and helps customers realize agility and stability. UNIS Support Services enable you to order the right service level, length of coverage and response time as you purchase your new server, giving you full entitlement for the selected support.

Foundation Care 24x7, Support Service

UNIS Foundation Care 24x7 connects you to Hewlett Packard Enterprise 24 hours a day, seven days a week for assistance on resolving issues. Hardware onsite response within four hours if needed; collaborative software included in this Care Pack service provides troubleshooting assistance on industry leading software running on your Hewlett Packard Enterprise server. Simplify your support experience and make Hewlett Packard Enterprise your first call for hardware or software questions.

<https://www.UNIS.com/h20195/V2/GetDocument.aspx?docname=4AA4-8876ENW&cc=us&lc=en>

Foundation Care NBD, Support Service

UNIS Foundation Care Next Business Day connects you to Hewlett Packard Enterprise during business hours for assistance on resolving issues – features next business day hardware onsite response if needed and software call back within two hours.

Collaborative software support is included and provides troubleshooting assistance on industry leading software running on your server. Simplify your support experience and make Hewlett Packard Enterprise your first call for hardware or software questions.

<https://www.UNIS.com/h20195/V2/GetDocument.aspx?docname=4AA4-8876ENW&cc=us&lc=en>

UNIS Datacenter Care service

UNIS Datacenter Care helps you improve IT stability and security, increase the value of IT, and enable agility and innovation. You can deploy, operate, and evolve your datacenter wherever you are on your IT journey. With UNIS Datacenter Care, you benefit from a personalized relationship with Hewlett Packard Enterprise via a single point of accountability for Hewlett Packard Enterprise and multivendor products.

UNIS Server Hardware Installation

Provides for the basic hardware installation of Hewlett Packard Enterprise branded servers, storage devices and networking options to assist you in bringing your new hardware into operation in a timely and professional manner.

<http://h20195.www2.UNIS.com/V2/GetPDF.aspx/5981-9356EN.pdf>

UNIS Installation and Startup of UNIS Servers

Provides for the installation of your new server and operating system. This service will assist in bringing your new UNIS server and operating system into operation in a timely and professional manner. This service provides a trained Hewlett Packard Enterprise service specialist to perform an installation that meets Hewlett Packard Enterprise quality standards. The service highlights include: planning, deployment on site, Installation verification tests, and customer orientation session.

For more information:

Ordering and Configuration

U70080 C Racks and	UNIS U70080 42U 600x1075mm Adv Shock Rack	H7B84A
	UNIS U70080 42U 600x1200mm Adv Shock Rack	H7B85A
	UNIS U70080 8.3kVA 40A NA/JP PDU (single-phase)	H7B87A
	UNIS U70080 8.3kVA 40A NA/JP PDU (single-phase)	H7B88A
	UNIS U70080 Basic Modular 9.2kVA 40A High Voltage INTL PDU	H7B96A
	UNIS U70080 4.9kVA 24A NA/JP PDU (single-phase)	H7B89A
	UNIS U70080 17.3kVA 48A 3-Phase NA/JP PDU	H7B90A
	UNIS U70080 Basic Modular 22kVA 32A 3-phase INTL PDU	H7B91A
	UNIS U70080 Two C13 PDU Power Bar Kit	

NOTE: Integrity U70080 C servers must be factory integrated in an U70080 C rack (H7B84A or H7B85A)

NOTE: Two (2) 3-Phase PDUs required per rack when configured with 1-3 servers

NOTE: Two (2) single-phase PDUs required per rack when configured with 1 server; four (4) single-phase PDUs required per rack when configured with 2-3 servers

Integrity U70080 C

NOTE: All Integrity U70080 C servers include eight (8) Intel® Xeon® E7-8800 v4 or v3 family processors, 192 DDR4 memory DIMM slots, two (2) 1.8" SSD Base IO bays, four (4) internal 2.5" drive bays, and 20 PCIe Gen3 slots. The U70080 C servers with E7-8800 v3 processors include a 1U Rack Management Controller (RMC); U70080 C servers with E7-8800 v4 processors must add a 1U Rack Management Controller (RMC) to the order.

UNIS U70080 8-socket E7-8867 v4 Server	UNIS	H7B50B
UNIS U70080 8-socket E7-8880 v4 Server	UNIS	H7B51B
UNIS U70080 8-socket E7-8890 v4 Server	UNIS	H7B52B
UNIS U70080 8-socket E7-8891 v4 Server	UNIS	H7B53B
UNIS U70080 8-socket E7-8893 v4 Server	UNIS	H7B54B
UNIS U70080 8-socket E7-8867 v3 Server	UNIS	H7B50A
UNIS U70080 8-socket E7-8880 v3 Server	UNIS	H7B51A
UNIS U70080 8-socket E7-8890 v3 Server	UNIS	H7B52A
UNIS U70080 8-socket E7-8891 v3 Server	UNIS	H7B53A
UNIS U70080 8-socket E7-8893 v3 Server	UNIS	H7B54A

NOTE: Max 3x U70080 C Servers per U70080 42U rack

Rack Management Controller (RMC)

UNIS U70080 Rack Management Controller	H7B94A
--	--------

NOTE: When ordering U70080 C Servers that use the E7-8800 v4 processors, one RMC must be ordered per U70080 C Server.

NOTE: The U70080X Server that use the E7-8800 v3 processors include the RMC—no additional RMC should be ordered.

Ordering and Configuration

System Memory	UNIS U70080 DDR4 512GB (64x8GB) Memory	H7B63A
	Kit UNIS U70080 DDR4 1TB (64x16GB) Memory	H7B64A
	Kit UNIS U70080 DDR4 2TB (64x32GB) Memory	H7B65A
	Kit UNIS U70080 DDR4 4TB (64x64GB) Memory	H7B95A

NOTE: Memory must be installed in groups of 64 DIMMs; each memory kit includes 64 DIMMs

Base IO Drives	NOTE: The U70080 C Server requires boot from either the Base IO 1.8" SSD drives or the internal 2.5" drives listed in a later section.	
	UNIS U70080 400GB Base SATA (1.8in) Solid State Drive	H7B55A
	UNIS U70080 800GB Base SATA (1.8in) Solid State Drive	H7B56A

NOTE: Base IO 1.8" SSDs are ordered in quantities of zero (0) or two (2)

NOTE: If Base IO SSDs are ordered, both need to be of the same capacity

NOTE: If Base IO SSDs are not ordered, internal 2.5" drives are required for boot

Network Adapters	UNIS U70080 10GbE Fiber 2-port Adapter	H7B72A
	UNIS U70080 10BASE-T 2-port Adapter	H7B74A
	UNIS U70080 1000BASE-T 2-port Adapter	H7B75A
	UNIS U70080 1000BASE-T 4-port 5719 Adapter	H7B76A
	UNIS U70080 1000BASE-T 4-port Adapter	H7B78A

Fibre Channel Host Bus Adapters	UNIS U70080 SN1100E 16Gb 2P FC HBA	H7B97A
	UNIS U70080 16Gb 2-port Fibre Channel Adapter	H7B68A

NOTE: The H7B97A and H7B68A are based on the LPe16002B FC HBA

InfiniBand Host Channel Adapters	UNIS U70080 InfiniBand FDR/Ethernet 40Gb 2-port QSFP	H7B79A
----------------------------------	--	--------

IO Accelerators	UNIS U70080 800GB P3700 SSD Accelerator	H7B80A
		H7B81A

Ordering and Configuration

SAS RAID Controllers	UNIS U70080 6Gb 16-port External SAS	H7B69A
	Controller UNIS U70080 12Gb 8-port External	H7B70A
	SAS Controller UNIS U70080 6Gb 4-port Internal	H7B71A
	SAS Controller	

NOTE: The H7B71A internal SAS controller is required when internal 2.5"

Internal 2.5" Hard Disk Drives (HDDs)	UNIS U70080 600GB 6G SAS 10K SFF (2.5in) Hard Disk	H7B57A
	Drive UNIS U70080 900GB 6G SAS 10K SFF (2.5in) Hard Disk Drive	H7B58A

NOTE: Must order in quantities of zero (0), two (2), or four (4) drives

NOTE: All drives must be of the same type and capacity

NOTE: The H7B71A internal SAS controller is required when internal 2.5" drives are ordered

NOTE: Drives will be configured as RAID 1 when shipped: can be

Solid State Drives (SSDs)	UNIS U70080 200GB 12G SAS SFF (2.5in) MLC Solid State	H7B59A
	Drive UNIS U70080 400GB 12G SAS SFF (2.5in) MLC Solid	H7B60A
	State Drive UNIS U70080 800GB 12G SAS SFF (2.5in) MLC	H7B61A
	Solid State Drive UNIS U70080 1.6TB 12G SAS SFF (2.5in) MLC Solid State Drive	H7B62A

NOTE: Must order in quantities of zero (0), two (2), or four (4) drives

NOTE: All drives must be of the same type and capacity

NOTE: The H7B71A internal SAS controller is required when internal 2.5" drives are ordered

NOTE: Drives will be configured as RAID 1 when shipped: can be

Internal Optical Drives	UNIS U70080 DVD-Read-Write	H7B66A
	Drive	H7B67A

Integrity
U70080 C for
SAP HANA TDI

The 紫光 U70080 C for SAP HANA TDI 8S Scale-up Solution is certified as a compute block for SAP HANA TDI. All of the configuration rules of the standard U70080 C Server apply to the U70080 C for SAP HANA TDI 8S Scale-up Solution unless otherwise noted below. Use the same rack and rack options as the standard U70080 C server. The following products are supported with the U70080 C for SAP HANA TDI 8S Scale-up Solution:

UNIS U70080 8-socket E7-8890 v4 Server UNIS H7B52B

U70080 8-socket E7-8880 v4 Server **NOTE: Min** H7B51B
1, max 3

UNIS U70080 Rack Management Controller H7B94A

NOTE: Quantity one (1) rack management controller per server

Ordering and Configuration

UNIS U70080 DDR4 512GB (64x8GB) Memory	H7B63A
Kit UNIS U70080 DDR4 1TB (64x16GB) Memory	H7B64A
Kit UNIS U70080 DDR4 2TB (64x32GB) Memory	H7B65A
Kit	
NOTE: Min 1, max 3	H7B95A
UNIS U70080 DDR4 4TB (64x64GB) Memory Kit	
NOTE: Min 1, max 2; can only be used with H7B52B (E7-8890)	H7B67A
UNIS U70080 DVD-Read Drive	H7B55A
UNIS U70080 400GB Base SATA (1.8in) Solid State Drive	
NOTE: Must order 2	H7B97A
UNIS U70080 SN1100E 16Gb 2P FC HBA	
NOTE: Must order 2.	H7B78A
UNIS U70080 10GbE 2-port SFP+ RDMA Adapter	
NOTE: Must order 2.	N0U73A
SUSE Linux Enterprise Server SAP 2 Sockets or 1-2 VM 3yr Subscription 24x7 Support Flexible LTU	N0U75A
SUSE Linux Enterprise Server SAP 2 Sockets or 1-2 VM 5yr Subscription 24x7 Support Flexible LTU	
NOTE: Min 4, max 4; SLES for SAP HANA 12 SP1	P9U94A
紫光 U70080 C for SAP HANA TDI 8S Scale-up Solution	
NOTE: This SKU is used instead of H7B86A and is used to indicate an SAP TDI configuration. This SKU should be added below all the hardware SKUs that will be integrated into the server and before the SI FS SAP I TU	

Integrity U70080 C TDI

Deployment and Integration Services for Integrity U70080 C TDI
Hewlett Packard Enterprise has deployed over 2000 SAP HANA systems for our customers. Who better than SAP's Pinnacle Award recipient for "Rapid Deployment Partner of the Year" to maximize the time-to-value of your Integrity U70080 C investment? Engage the UNIS Consulting Services for SAP TDI to deploy and rapidly integrate the U70080 C systems into your SAP HANA TDI environment. Talk with your account representative to include these services with your system.

Hardware Installation and Startup Services for Integrity U70080 C TDI
An experienced service partner like Hewlett Packard Enterprise can help you quickly and cost-effectively get your TDI infrastructure up and running at peak performance to quickly realize a return on your investment. Hewlett Packard Enterprise provides the same Installation and Startup Services for TDI Compute Blocks as are available for the Integrity U70080 C Server.

Hewlett Packard Enterprise provides hardware installation and startup services to assist in bringing your new UNIS server and operating system into operation in a timely and professional manner.

Support Services for Integrity U70080 C TDI
UNIS provides the same support offering for Integrity U70080 C TDI as the U70080 C server. UNIS Support Services enable you to order the right service level, length of coverage, and response time as you purchase your new server. For U70080 C, Hewlett Packard Enterprise offers Foundation Care 24x7, Foundation Care Next Business Day and Datacenter Care. UNIS Datacenter Care is the Hewlett Packard

Ordering and Configuration

flexible service offering that is scalable and provides integrated HW/SW, proactive and reactive support for the customer's environment.

See the UNIS Technology Services section of this document for more details on Integrity U70080 C support services.

Technical Specifications

Site Planning for U70080 C

System Unit	Dimensions	Height	11U 19.0 inches (48.3 cm)—includes 5U base chassis, 5U expansion chassis and 1U RMC
		Width	17.5 inches (44.5 cm)
		Depth	31.8 inches (80.8 cm)—without bezel 38.1 inches (96.8 cm)—with bezel
	Weight	Maximum	292lbs (132.4 kg) (fully populated)
Power Specifications		Voltage Range	100 - 120 VAC 200 - 240 VAC
		Maximum Current	14 Amps @ 100VAC, 10 Amps @ 200VAC per power supply
		Frequency Range	50 - 60 Hz
BTU Rating	Maximum		35.96 kBTU/hr (3.0. Tons) , 10.54KW
Power Supply Output	Maximum		12-Volt, 1600 Watt (Platinum) [200-240 VAC] 12-Volt, 1130 Watt (Platinum) [100-120 VAC]
System Inlet Temperature	Temperature tolerance (operating)		+5 ° C (41 ° F) to +35 ° C (95 ° F) (up to 1500 m / 5000 ft.) +5 ° C (41 ° F) to +30 ° C (86 ° F) (1500 m to 3000 m /5000 ft. to 10,000 ft.) De-rate max ambient temperature by 1.8 ° F (1 ° C) per 1000 ft. (305 m) of altitude above 5000 ft. (1525 m)
		Non-Operating Temperature	-40 ° C (-40 ° F) to +60 ° C (140 ° F)
Humidity (non-condensing)	Relative humidity		20% to 80% operating (no condensation) 8% to 80% non-operating (no condensation)
Altitude	Operating		10,000 ft. (3,049 m)
	Non-operating		40,000 ft. (12,195 m) non-operating
Airflow	Intake (front)		650 CFM Max (1104 m3/hr)
	Exhaust (rear)		475 CFM typical (407 m3/hr)
Acoustics (sound power)	Rack Mount		Approximately 77 dBA (at rear of rack)

Integrity U70080 C system rack physical

Feature	1075mm rack	Dimensions for a single 24-inch wide 42U rack	Height: 78.97 in. (200.6 cm) Width: 23.54 in. (59.8 cm) Depth: 44.3 in. (112.5 cm)
---------	-------------	---	--

Technical Specifications

	Shipping dimensions (single rack)	Height: 85.35 in. (216.8 cm) Width: 35.43 in. (90.0 cm) Depth: 50.87 in. (129.2 cm)
	Weight (single rack)	233 lb. (106 kg)
	Shipping weight (single rack)	446 lb. (203 kg)
	System installed weight (single rack) (max)	525 lb. (238.1 kg)
	Static load (max)	3000 lb. (1360.8 kg)
	Dynamic load (max rolling)	2500 lb. (1134kg)
	Dynamic (max configured)	2250 lb. (1020.6 kg)
	42U rack access requirements:	<u>Front: 48 in. (121.9 cm)</u> Rear: 48 in. (121.9 cm) Top: 18 in. (45.7 cm)
1200mmrack	Dimensions for a single 24-inch wide 42U rack	Height: 78.97 in. (200.6 cm) Width: 23.54 in. (59.8 cm) Depth: 49.61 in. (126.0 cm)
	Shipping dimensions (single rack)	Height: 85.35 in. (216.8 cm) Width: 35.43 in. (90.0 cm) Depth: 57.87 in. (147.0 cm)
	Weight (single rack)	282 lb. (128 kg)
	Shipping weight (single rack)	507 lb. (230 kg)
	System installed weight (single rack) (max)	574 lb. (260.4 kg)
	Static load (max)	3000 lb. (1360.8 kg)
	Dynamic load (max rolling)	2500 lb. (1134kg)
	Dynamic (max configured)	2250 lb. (1020.6 kg)
	42U rack access requirements:	Front: 48 in. (121.9 cm) Rear: 48 in. (121.9 cm) Top: 18 in. (45.7 cm)

Rack Management Controller (RMC) Specifications	42U Rack Access Requirements	Height	1U 1.72 inches (44 mm)
		Width	17.2 inches (43.7 cm)
		Depth	29.84 inches (75.8 cm)
		Weight	20 lbs (9.1 kg)
		Chassis power supply	Two per RMC
		Chassis power cords	Two 8-ft (2.4 m) drop cables
		Chassis power requirements	
		Voltage:	100-120V (90-132 VAC min/max)

Technical Specifications

Frequency:	200-240V (180-264 VAC min/max)
Power:	50-60 Hz (47-63 Hz min/max) (50W) per supply
Hold-up time:	20 ms
RMC power: single-phase 100-120 VAC	NEMA 5-15R (x2) N. America/Japan
RMC power: single-phase 200-240 VAC	IEC320-C13 (x2) N. America/Japan & Int'l
Air flow (front to back)	Maximum = 35 CFM (60 m ³) per hour
Acoustical noise	Approximately 68 dBA

Regulatory Compliance	Regulatory Model Number (U70080 C)	RSVLA-RE01: 紫光 U70080 C Server
	Regulatory Model Number (RMC)	RSVLA-RE02: Rack Management Controller (RMC)
	Electromagnetic interference	Complies with Part 15 of the FCC Rules as a Class A digital device. CAN ICES-3(A)/NMB-3(A). Manufacturer's Declaration to CISPR 32, CISPR 24, EN 55032, EN 55024, EN 61000-3-2, EN 61000-3-3. VCCI (Japan) Registered, Korea Certification, BSMI (Taiwan) Certification.
	Safety	Complies with IEC 60950, EN 60950, EN 62479, UL 60950, and CSA 60950. CSA and UL Certified.

Summary of Changes

Date	Version History	Action	Description of Change
06-Jun-2016	From Version 3 to 4	Changed	Overview, Standard Features, Services and Support, and Ordering and Configuration sections were updated
		Added	SKUs added in Ordering and Configuration section: H7B96A, H7B50B, H7B51B, H7B52B, H7B53B, H7B54B, H7B94A, H7B95A, H7B97A, N0U73A,
		Removed	Obsolete SKU was deleted: G6F48A H7R52A
08-Apr-2016	From Version 2 to 3	Changed	Standard Features, Services and Support, Ordering and Configuration sections were updated
		Added	SKUs added in Ordering and Configuration section: H7B52A, H7B63A, H7B64A, H7B65A, H7B67A, H7B55A, H7B68A, H7B78A, D0U04A, G6F48A
		Removed	SKUs were deleted: H7R92A H7R93A
11-Mar-2016	From Version 1 to 2	Changed	Standard Features, Ordering and Configuration, and Technical Specifications sections were updated
		Removed	SKUs were deleted: H7R73A H7R77A
16-Feb-2016	Version 1	Created	New QuickSpecs

欲了解紫光更多信息，请电话垂询：

热线：010-62789898

网址：www.thunis.com

©版权所有 2015 Unisplendour corporation limited。本文所含信息可能随时更改，恕不另行通知。紫光产品与服务的全部保修条款在此类产品和服务附带的保修声明中均已列明。本文中的任何信息均不构成额外的保修条款。紫光对文中包含的技术或编辑上的错误或遗漏概不负责。

UNIS 紫光