



The Power of We™

## Avaya Common Servers

Delivering the reliability, scalability and processing power required for Avaya communication solutions.

Avaya Common Servers provide the foundation for Avaya's highly flexible, end-to-end communication solutions and reflect our ongoing strategy to optimize the price and performance of Avaya applications.



Avaya Common Servers leverage the powerful capabilities of the next-generation HP® ProLiant DL360PG8 & DL380PG8 and the Dell® XEON PowerEdge R620 servers which incorporate the latest Intel® Sandy Bridge series processor technology and deliver the capabilities required for real-time communication applications in compact 1U and 2U form factors.

### Key Customer Benefits

The use of servers from HP® and Dell® ensures that our customers receive the benefits of:

- Accelerated access to the latest developments in hardware and processing power
- Reduced cost and complexity in supply chain and field support
- A reduction in the total number of server variations across all applications
- Avaya's "Open and Standards Based" solutions strategy

Avaya has engineered and tested the individual server configurations to ensure that they are optimized for each Unified Communication and Contact Center application. This ensures that our solutions perform to Avaya's stringent specifications on an individual application basis and as part of an overall Avaya solution.

## Product Detail

### Avaya Common Servers support the following applications:

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| <ul style="list-style-type: none"> <li>• Avaya Application Server 5300</li> <li>• Avaya Agile Communication Environment™</li> <li>• Avaya Aura® Application Enablement Services</li> <li>• Avaya Aura® Communication Manager</li> <li>• Avaya Aura® Conferencing Standard Edition</li> <li>• Avaya Aura® Messaging</li> <li>• Avaya Aura® Presence Services</li> <li>• Avaya Aura® Session Border Controller</li> <li>• Avaya Aura® Session Manager</li> <li>• Avaya Aura® SIP Enablement Services</li> <li>• Avaya Aura® Solution for Midsize Enterprises</li> <li>• Avaya Aura® System Manager</li> </ul> | <ul style="list-style-type: none"> <li>• Avaya one-X® Client Enablement Services</li> <li>• Avaya one-X® Mobile</li> <li>• Avaya one-X® Speech</li> <li>• Avaya Communication Server 1000</li> <li>• Avaya Hospitality Messaging Server 400</li> <li>• Avaya Integrated Management</li> <li>• Avaya IQ</li> <li>• Avaya Meeting Exchange</li> <li>• Avaya Message Networking</li> <li>• Avaya Modular Messaging</li> <li>• Avaya Proactive Contact</li> <li>• Avaya Voice Portal</li> </ul> |
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## Specifications

Adopting Application (Main & Alternate if applicable)	Server	Size	Processor (Intel Xeon)	# of CPUs	Dynamic RAM	Hard Disk Drive	RAID	# of Ports	Power Supply
Communication Manager Simplex / Mid-Performance Duplex (303518, Main)	CS Rel2 HP DL360PG8	1U	E5-2630 2.3 Ghz 6-core Sandy Bridge	1	16 GB (4GB RDIMM)	2 x 300 GB 10K 1 x DVD R/W	RAID 1 P420i/512MB	6	1 x 460 W
Communication Manager Simplex / Mid-Performance Duplex (303516, Alternate)	CS Rel2 Dell R620	1U	E5-2630 2.3 Ghz 6-core Sandy Bridge	1	16 GB (4GB RDIMM)	2 x 300 GB 10K 1 x DVD R/W	RAID 1 H710/512MB	6	1 x 495 W
Communication Manager - High Performance Duplex (303519 - 2 servers, Main)	CS Rel2 HP DL360PG8	1U	E5-2667 2.9 Ghz 6-core Sandy Bridge	1	16 GB (4GB RDIMM)	2 x 300 GB 10K 1 x DVD R/W	RAID 1 P420i/512MB	6	1 x 460 W
Communication Manager - High Performance Duplex (303517 - 2 servers, Alternate)	CS Rel2 Dell R620	1U	E5-2667 2.9 Ghz 6-core Sandy Bridge	1	16 GB (4GB RDIMM)	2 x 300 GB 10K 1 x DVD R/W	RAID 1 H710/512MB	6	1 x 495 W
Session Manager (303564, NTL303564, Main)	CS Rel2 HP DL360PG8	1U	E5-2630 2.3 Ghz 6-core Sandy Bridge	2	32 GB (4GB RDIMM)	2 x 300 GB 10K 1 x DVD R/W	RAID 1 P420i/512MB	4	2 x 460 W
Session Manager (303563, NTL303563, Alternate)	CS Rel2 Dell R620	1U	E5-2630 2.3 Ghz 6-core Sandy Bridge	2	32 GB (4GB RDIMM)	2 x 300 GB 10K 1 x DVD R/W	RAID 1 H710/512MB	4	2 x 495 W
System Manager (303566, NTL303566, Main)	CS Rel2 HP DL360PG8	1U	E5-2630 2.3 Ghz 6-core Sandy Bridge	2	32 GB (4GB RDIMM)	2 x 300 GB 10K 1 x DVD R/W	RAID 1 P420i/512MB	4	2 x 460 W
System Manager (303565, NTL303565, Alternate)	CS Rel2 Dell R620	1U	E5-2630 2.3 Ghz 6-core Sandy Bridge	2	32 GB (4GB RDIMM)	2 x 300 GB 10K 1 x DVD R/W	RAID 1 H710/512MB	4	2 x 495 W
Presence Services (303561, NTL303561, Main)	CS Rel2 HP DL360PG8	1U	E5-2667 2.9 Ghz 6-core Sandy Bridge	2	32 GB (4GB RDIMM)	3 x 300 GB 10K 1 x DVD R/W	RAID 5 P420i/512MB	4	2 x 750 W
Presence Services (303562, NTL303562, Alternate)	CS Rel2 Dell R620	1U	E5-2667 2.9 Ghz 6-core Sandy Bridge	2	32 GB (4GB RDIMM)	3 x 300 GB 10K 1 x DVD R/W	RAID 5 H710/512MB	4	2 x 750 W
Application Enablement Services (303580)	CS Rel2 Dell R620	1U	E5-2630 2.3 Ghz 6-core Sandy Bridge	1	16 GB (4GB RDIMM)	2 x 300 GB 10K 1 x DVD R/W	RAID 1 H710/512MB	4	1 x 495 W
Solution for Midsize Enterprise / Collaboration (303560)	CS Rel2 HP DL360PG8	1U	E5-2667 2.9 Ghz 6-core Sandy Bridge	2	64 GB (4GB RDIMM)	4 x 300 GB 10K 1 x DVD R/W	RAID 5 P420i/512MB	8	2 x 750 W
Communication Manager Messaging - Federal Market (304210, Main)	CS Rel2 HP DL360PG8	1U	E5-2630 2.3 Ghz 6-core Sandy Bridge	2	32 GB (4GB RDIMM)	3 x 300 GB 10K 1 x DVD R/W	RAID 5 P420i/512MB	4	2 x 460 W

Adopting Application (Main & Alternate if applicable)	Server	Size	Processor (Intel Xeon)	# of CPUs	Dynamic RAM	Hard Disk Drive	RAID	# of Ports	Power Supply
Communication Manager Messaging - Federal Market (304211, Alternate)	CS Rel2 Dell R620	1U	E5-2630 2.3 Ghz 6-core Sandy Bridge	2	32 GB (4GB RDIMM)	3 x 300 GB 10K 1x DVD R/W	RAID 5 H710/512MB	4	2 x 495 W
one-X® Client Enablement Services (303591, Main)	CS Rel2 HP DL360PG8	1U	E5-2630 2.3 Ghz 6-core Sandy Bridge	2	32 GB (4GB RDIMM)	3 x 300 GB 10K 1x DVD R/W	RAID 5 P420i/512MB	4	1 x 460 W
one-X® Client Enablement Services (303590, Alternate)	CS Rel2 Dell R620	1U	E5-2630 2.3 Ghz 6-core Sandy Bridge	2	32 GB (4GB RDIMM)	3 x 300 GB 10K 1x DVD R/W	RAID 5 H710/512MB	4	1 x 495 W
one-X® Speech (303971 dual port, 303972 quad port, 303973 cluster) comes with corresponding Dialogics card	CS Rel2 HP DL380PG8	2U	E5-2630 2.3 Ghz 6-core Sandy Bridge	1	16 GB (4GB RDIMM)	3 x 300 GB 15K 1x DVD R/W	RAID 5 P420i/512MB	4	2 x 460 W
IQ 5.2.5 application server (304200) comes with iDRAC7 Enterprise card	CS Rel2 Dell R620	1U	E5-2667 2.9 Ghz 6-core Sandy Bridge	2	48 GB (4GB RDIMM)	4 x 300 GB 10K 1x DVD R/W	RAID 10 H710/512MB	4	2 x 750 W
IQ 5.2.5 data base server (304201) comes with iDRAC7 Enterprise card	CS Rel2 Dell R620	1U	E5-2667 2.9 Ghz 6-core Sandy Bridge	2	48 GB (4GB RDIMM)	4 x 300 GB 10K 1x DVD R/W	RAID 10 H710/512MB	4	2 x 750 W
IQ 5.2.5 All In One (304202) comes with iDRAC7 Enterprise card	CS Rel2 Dell R620	1U	E5-2667 2.9 Ghz 6-core Sandy Bridge	2	32 GB (4GB RDIMM)	6 x 300 GB 10K 2 x 600 GB 10K 1x DVD R/W	RAID 10 & 1 H710/512MB	4	2 x 750 W
CS1000 (306202, NTL306202)	CS Rel2 HP DL360PG8	1U	E5-2630 2.3 Ghz 6-core Sandy Bridge	1	16 GB (4GB RDIMM)	2 x 300 GB 10K 1x DVD R/W	RAID 1 P420i/512MB	4	2 x 460 W
Avaya Aura Messaging - Standard Storage (302849, Main)	CS Rel2 Dell R620	1U	E5-2630 2.3 Ghz 6-core Sandy Bridge	1	16 GB (4GB RDIMM)	2 x 300 GB 10K 1x DVD R/W	RAID 1 H710/512MB	6	1 x 495 W
Avaya Aura Messaging - Standard Storage (302848, Alternate)	CS Rel2 HP DL360PG8	1U	E5-2630 2.3 Ghz 6-core Sandy Bridge	1	16 GB (4GB RDIMM)	2 x 300 GB 10K 1x DVD R/W	RAID 1 P420i/512MB	6	1 x 460 W
Avaya Aura Messaging - Hi-Cap Storage (303601, Main)	CS Rel2 Dell R620	1U	E5-2630 2.3 Ghz 6-core Sandy Bridge	1	16 GB (4GB RDIMM)	3 x 300 GB 15K 1x DVD R/W	RAID 5 H710/512MB	4	2 x 495 W
Avaya Aura Messaging - Hi-Cap Storage (302600, Main)	CS Rel2 HP DL360PG8	1U	E5-2630 2.3 Ghz 6-core Sandy Bridge	1	16 GB (4GB RDIMM)	3 x 300 GB 15K 1x DVD R/W	RAID 5 P420i/512MB	4	2 x 460 W

## Power Consumption

- HP ProLiant DL360PG8 and DL380PG8 servers have been configured with Gold efficiency power supplies (460/750 WAC) meeting Gold 92% power efficiency specifications.
- Dell PowerEdge R620 servers have been configured with Platinum efficiency power supplies (495/750 WAC) meeting Platinum 94% power efficiency specifications.

## Physical Characteristics

Model	Weight (max)	Height	Width	Depth
R620 1U rack mount server	41 Lb / 19 Kg	1.7 in / 4.3 cm	17.1 in / 43.4 cm	26.9 in / 68.3 cm
DL360PG8 1U rack mount server	42 Lb / 19 Kg	1.7 in / 4.3 cm	17.1 in / 43.4 cm	27.5 in / 69.9 cm
DL380PG8 2U rack mount server	60 Lb / 27 Kg	3.4 in / 8.6 cm	17.5 in / 44.6 cm	27.3 in / 69.2 cm

## Environmental Specifications

Platform configuration	Model	Total System VA Rating	Nominal Power Consumption (Watts)	Heat Output (BTU/hour)
Medium performance, single CPU servers with 1 x E5-2630 2.3 GHz 6-core CPU and 16GB system memory. With 2 x 300GB 10K or 3 x 300GB 15K drives, with or without a 2-port PCIe and single or dual 495 WAC PS	R620 1U rack mount server	197	193	658 to 659
Medium performance, dual CPU servers with 2 x E5-2630 2.3 GHz 6-core CPU and 32GB system memory. With 2 or 3 x 300GB 10K drives and single or dual 495 WAC PS	R620 1U rack mount server	305 to 322	299 to 316	1,020 to 1,078
High performance, single CPU servers with 1 x E5-2667 2.9 GHz 6-core CPU and 16GB system memory. With 2 x 300GB 10K drives, 2-port PCIe and single 495 WAC PS	R620 1U rack mount server	236	231	788
High performance, dual CPU servers with 2 x E5-2667 2.9 GHz 6-core CPU and 32GB or 64GB system memory. With 3 or 4 x 300GB drives and dual 750 WAC PS	R620 1U rack mount server	401 to 435	393 to 426	1,341 to 1,454
High performance, dual CPU servers with 2 x E5-2667 2.9 GHz 6-core CPU and 64GB system memory. With 6 x 600GB drives and dual 750 WAC PS	R620 1U rack mount server	459	450	1,536
Medium performance, single CPU servers with 1 x E5-2630 2.3 GHz 6-core CPU and 16GB or 32GB system memory. With 2 x 300GB 10K or 3 x 300GB 15K drives, with or without 2-port PCIe and single or dual 460 WAC PS	DL360PG8 1U rack mount server	186 to 193	184 to 197	627 to 672
Medium performance, single CPU servers with 1 x E5-2630 2.3 GHz 6-core CPU and 16GB system memory. With 3 x 300GB 15K drives and dual 460 WAC PS	DL380PG8 2U rack mount server with added Dialogics Cards	193	191	651
Medium performance, dual CPU servers with 2 x E5-2630 2.3 GHz 6-core CPU and 32GB system memory. With 2 or 3 x 300GB 10K drives and single or dual 460 WAC PS	DL360PG8 1U rack mount server	309 to 319		1,047 to 1,080
Medium performance, dual CPU servers with 2 x E5-2630 2.3 GHz 6-core CPU and 32GB system memory. With 2 x 300GB 10K drives and dual 750 WDC PS	DL360PG8 1U rack mount server with DC power supply	314	308	1,018
High performance, single CPU servers with 1 x E5-2667 2.9 GHz 6-core CPU and 16GB system memory. With 2 x 300GB drives, 2-port PCIe and single 460 WAC PS	DL360PG8 1U rack mount server	216	214	731
High performance, dual CPU servers with 2 x E5-2667 2.9 GHz 6-core CPU and 32GB or 64GB system memory. With 3 or 4 x 300GB drives, with or without 2 x 2-port PCIe and dual 750 WAC PS	DL360PG8 1U rack mount server	381 to 421	375 to 417	1,279 to 1,417
High performance, dual CPU servers with 2 x E5-2667 2.9 GHz 6-core CPU and 32GB system memory. With 4 x 300GB and 4 x 900GB 10K drives and dual 750 WAC PS	DL360PG8 1U rack mount server	424	417	1,423

## About Avaya

Avaya is a global provider of business collaboration and communications solutions, providing unified communications, contact centers, networking and related services to companies of all sizes around the world. For more information please visit [www.avaya.com](http://www.avaya.com).

## Learn More

Providing powerful, reliable, and scalable server platforms for our Avaya communication solutions is just one of the ways that Avaya meets the needs of today's enterprises. To learn more, contact your Avaya Account Manager or Avaya Authorized Partner. Or, visit us online at [www.avaya.com](http://www.avaya.com).