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	◀▶	◀▶	◀▶	◀▶
▶ Product Name	Intel® Server System LADMP2312KXXX44	Intel® Server System LADMP2312KXXX41	Intel® Server System LADMP2312KXXX42	Intel® Server System LADMP2312KXXX43
▶ Code Name	Adams Pass	Adams Pass	Adams Pass	Adams Pass
- Essentials				
▶ Launch Date	Q2'16	Q2'16	Q2'16	Q2'16
▶ Status	Launched	Launched	Launched	Launched
▶ Limited 3-year Warranty	Yes	Yes	Yes	Yes
▶ Chassis Form Factor	2U Rack	2U Rack	2U Rack	2U Rack
▶ Chassis Dimensions	17.24" x 30.35" x 3.42"	17.24" x 30.35" x 3.42"	17.24" x 30.35" x 3.42"	17.24" x 30.35" x 3.42"
▶ Board Form Factor	Custom 6.8" x 14.2"	Custom 6.8" x 14.2"	Custom 6.8" x 14.2"	Custom 6.8" x 14.2"
▶ Rack Rails Included	Yes	Yes	Yes	Yes
▶ Socket	Socket P	Socket P	Socket P	Socket P
▶ System Board	Intel® Compute Module HNS7200AP	Intel® Compute Module HNS7200AP	Intel® Compute Module HNS7200AP	Intel® Compute Module HNS7200AP
▶ Board Chipset	Intel® C612 Chipset (Intel® DH82029 PCH)	Intel® C612 Chipset (Intel® DH82029 PCH)	Intel® C612 Chipset (Intel® DH82029 PCH)	Intel® C612 Chipset (Intel® DH82029 PCH)
▶ Description	Pre-configured systems with Intel Compute Block, featuring 4 HNS7200APX with Intel® Xeon Phi™ Processor (Early Ship Program)	Pre-configured systems with Intel Compute Block, featuring 4 HNS7200APX with Intel® Xeon Phi™ Processor and Intel® Omni-Path Host Fabric Interface Adapter (Early Ship Program)	Pre-configured systems with Intel Compute Block, featuring 4 HNS7200APX with Intel® Xeon Phi™ Processor (Early Ship Program)	Pre-configured systems with Intel Compute Block, featuring 4 HNS7200APX with Intel® Xeon Phi™ Processor and Intel® C Path Host Fabric Interface Adapter (Early Ship Program)
▶ Target Market	High Performance Computing	High Performance Computing	High Performance Computing	High Performance Computing
▶ Power Supply	2130 W	2130 W	2130 W	2130 W
▶ Power Supply Type	AC	AC	AC	AC
▶ # of Power Supply Included	2	2	2	2
▶ Redundant Fans	No	No	No	No
▶ Redundant Power Supported	Yes	Yes	Yes	Yes
▶ Heat Sink Included	Yes	Yes	Yes	Yes
▶ Backplanes	Included	Included	Included	Included
▶ Included Items	(1) Intel® Server Chassis H2312XXLR2; (4) Intel® Compute Module HNS7200AP; (4) Intel® Xeon Phi™ Processor 7210; (24) 16GB (1x16GB) RDIMM, DDR4, Dual Rank, 2400Mhz; (4) Remote Management Module AXXRMM4LITE	(1) Intel® Server Chassis H2312XXLR2; (4) Intel® Compute Module HNS7200AP; (4) Intel® Xeon Phi™ Processor 7250; (24) 16GB (1x16GB) RDIMM, DDR4, Dual Rank, 2400Mhz; (4) Intel® Omni-Path Host Fabric Interface Adapter 100 Series 1 Port PCIe x16; (4) Remote Management Module AXXRMM4LITE	(1) Intel® Server Chassis H2312XXLR2; (4) Intel® Compute Module HNS7200AP; (4) Intel® Xeon Phi™ Processor 7250; (24) 16GB (1x16GB) RDIMM, DDR4, Dual Rank, 2400Mhz; (4) Remote Management Module AXXRMM4LITE	(1) Intel® Server Chassis H2312XXLR2; (4) Intel® Compute Module HNS7200AP; (4) Intel® Xeon Phi™ Processor 7210; (24) 16GB (1x16GB) RDIMM, DDR4, Dual Rank, 2400Mhz; (4) Intel® Omni-Path Host Fabric Interface Adapter 100 Series 1 Port PCIe x16; (4) Remote Management Module AXXRMM4LITE
▶ # of Front Drives Supported	12	12	12	12
▶ Front Drive Form Factor	Hot-swap 3.5" HDD or 2.5" SSD	Hot-swap 3.5" HDD or 2.5" SSD	Hot-swap 3.5" HDD or 2.5" SSD	Hot-swap 3.5" HDD or 2.5" SSD
▶ Recommended Customer Price	N/A	N/A	N/A	N/A
- Memory Specifications				
▶ Memory Types	Registered DDR4 (RDIMM)	Registered DDR4 (RDIMM)	Registered DDR4 (RDIMM)	Registered DDR4 (RDIMM)
▶ Max # of DIMMs	24	24	24	24

▶ <u>Max Memory Size (dependent on memory type)</u>	384 GB	384 GB	384 GB	384 GB
- Graphics Specifications				
▶ <u>Integrated Graphics ‡</u>	Yes	Yes	Yes	Yes
- Expansion Options				
▶ <u>Riser Slot 1: Total # of Lanes</u>	16	16	16	16
▶ <u>Riser Slot 2: Total # of Lanes</u>	16	16	16	16
- I/O Specifications				
▶ <u># of USB Ports</u>	8	8	8	8
▶ <u>Total # of SATA Ports</u>	4	4	4	4
▶ <u>RAID Configuration</u>	Intel(R) Embedded Server RAID Technology (ESRT2)	Intel(R) Embedded Server RAID Technology (ESRT2)	Intel(R) Embedded Server RAID Technology (ESRT2)	Intel(R) Embedded Server RAID Technology (ESRT2)
▶ <u># of Serial Ports</u>	4	4	4	4
▶ <u>Integrated LAN</u>	RJ-45 1Gb	RJ-45 1Gb	RJ-45 1Gb	RJ-45 1Gb
▶ <u># of LAN Ports</u>	8	8	8	8
- Package Specifications				
▶ <u>Max CPU Configuration</u>	4	4	4	4
- Advanced Technologies				
▶ <u>Intel® Remote Management Module Support</u>	Yes	Yes	Yes	Yes
▶ <u>Intel® Node Manager</u>	Yes	Yes	Yes	Yes
▶ <u>Intel® Advanced Management Technology</u>	Yes	Yes	Yes	Yes
▶ <u>Intel® Server Customization Technology</u>	Yes	Yes	Yes	Yes
▶ <u>Intel® Build Assurance Technology</u>	Yes	Yes	Yes	Yes
▶ <u>Intel® Efficient Power Technology</u>	Yes	Yes	Yes	Yes
▶ <u>Intel® Quiet Thermal Technology</u>	Yes	Yes	Yes	Yes
▶ <u>Intel® Rapid Storage Technology enterprise</u>	Yes	Yes	Yes	Yes
▶ <u>Intel® Quiet System Technology</u>	Yes	Yes	Yes	Yes
▶ <u>Intel® Fast Memory Access</u>	Yes	Yes	Yes	Yes
▶ <u>Intel® Flex Memory Access</u>	Yes	Yes	Yes	Yes
▶ <u>Intel® I/O Acceleration Technology</u>	Yes	Yes	Yes	Yes
- Intel® Transparent Supply Chain				
▶ <u>TPM Version</u>	2.0	2.0	2.0	2.0