Intel® C621 Chipset

Specifications

Ordering and Compliance

Ordering and spec information

Intel® EY82C621 Platform Controller Hub

Spec Code	SR3HE
Ordering Code	EY82C621
Step	B2
RCP	$57.00

Intel® EY82C621 Platform Controller Hub

Spec Code	SR3HL
Ordering Code	EY82C621
Step	S1
RCP	$57.00

Retired and discontinued

Intel® EY82C621 Platform Controller Hub

Spec Code	SR354
Ordering Code	EY82C621
Step	S0
RCP	$57.00

Trade compliance information

ECCN	5A992CN3
CCATS	G155443
CCATS	G155419
US HTS	8542310001

PCN/MDDS Information

SR3HE

957625   MDDS

SR3HL

957631   MDDS

SR354

953999   PCN | MDDS

Downloads and Software

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Refer to Datasheet for formal definitions of product properties and features.

"Announced" SKUs are not yet available. Please refer to the Launch Date for market availability.

‡ This feature may not be available on all computing systems. Please check with the system vendor to determine if your system delivers this feature, or reference the system specifications (motherboard, processor, chipset, power supply, HDD, graphics controller, memory, BIOS, drivers, virtual machine monitor-VMM, platform software, and/or operating system) for feature compatibility. Functionality, performance, and other benefits of this feature may vary depending on system configuration.

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System and Maximum TDP is based on worst case scenarios. Actual TDP may be lower if not all I/Os for chipsets are used.

Low Halogen: Applies only to brominated and chlorinated flame retardants (BFRs/CFRs) and PVC in the final product. Intel components as well as purchased components on the finished assembly meet JS-709 requirements, and the PCB / substrate meet IEC 61249-2-21 requirements. The replacement of halogenated flame retardants and/or PVC may not be better for the environment.

WARNING: Altering clock frequency and/or voltage may: (i) reduce system stability and useful life of the system and processor; (ii) cause the processor and other system components to fail; (iii) cause reductions in system performance; (iv) cause additional heat or other damage; and (v) affect system data integrity. Intel has not tested, and does not warranty, the operation of the processor beyond its specifications. Intel assumes no responsibility that the processor, including if used with altered clock frequencies and/or voltages, will be fit for any particular purpose. For more information, visit http://www.intel.com/content/www/us/en/gaming/overclocking/overclocking-intel-processors.html

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Intel® C621 Chipset

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Specifications

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Ordering and Compliance

⬇ Export specifications

Essentials

Product Collection	Intel® C620 Series Chipsets
Code Name	Products formerly Lewisburg
Status	Launched
Launch Date ❓	07/11/2017
TDP ❓	15 W
Recommended Customer Price ❓	$57.00

Supplemental Information

Embedded Options Available ❓	Yes
Datasheet	View now

Expansion Options

PCI Express Revision ❓	Gen 3
PCI Express Configurations ‡ ❓	1x4,2x2,4x1,1x2+2x1
Max # of PCI Express Lanes ❓	20

I/O Specifications

# of USB Ports	14
USB Revision ❓	3
USB 3.0	10
USB 2.0	14
Total # of SATA Ports ❓	14
Max # of SATA 6.0 Gb/s Ports	14
Integrated LAN ❓	5
PCIe* Uplink ❓	x1

Package Specifications

Low Halogen Options Available	See MDDS

Advanced Technologies

Intel® Virtualization Technology for Directed I/O (VT-d) ‡ ❓	Yes
Intel® vPro™ Technology ‡ ❓	Yes
Intel® HD Audio Technology ❓	Yes
Intel® Rapid Storage Technology enterprise ❓	Yes
Integrated Intel® QuickAssist Technology ❓	No
Intel® Node Manager ❓	Yes
Intel® Standard Manageability ❓	Yes
Intel® Rapid Start Technology ❓	No

Intel® Platform Trust Technology (Intel® PTT) ?	Yes

Security & Reliability

Intel® Trusted Execution Technology ‡ ?	Yes

More support options for Intel® C621 Chipset

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