



GLH110 S R2CA
INTEL

Buy Now



Looking for a discount?

[Check out our current promotions!](#)

Give us a call

1-855-837-4225

International: 1-415-281-3866

Email Us

Sales and New Orders: sales@verical.com

Order Support: support@verical.com

Suppliers: [Visit our seller page](#)

Company Address

Arrow Electronics, Inc
9201 East Dry Creek Road
Centennial, CO 80112

ARK Menu ▶

Type Here to Search Products



(Intel® GL82H110 PCH)

Compare +

- Specifications ^
 - Essentials
 - Memory Specifications
 - Graphics Specifications
 - Expansion Options
 - I/O Specifications
 - Package Specifications
 - Advanced Technologies
 - Intel® Platform Protection Technology
- Compatible Products v
- Ordering / sSpecs / Steppings v

Specifications	
Essentials	
Status	Launched
Launch Date	Q3'15
Bus Speed	5 GT/s DMI2
Embedded Options Available	Yes
Lithography	22 nm
TDP	6 W
Recommended Customer Price	\$26.00
Conflict Free	Yes
Datasheet	Link
Supports Overclocking	No
Memory Specifications	
# of DIMMs per channel	1
Graphics Specifications	
# of Displays Supported †	2
Expansion Options	
PCI Support	No
PCI Express Revision	2.0
PCI Express Configurations †	x1, x2, x4
Max # of PCI Express Lanes	6
I/O Specifications	
USB Revision	3.0/2.0
# of USB Ports	10
USB 3.0	Up to 4
USB 2.0	Up to 10
Max # of SATA 6.0 Gb/s Ports	4
RAID Configuration	N/A
Integrated LAN	Integrated MAC
Supported Processor PCI Express Port Revision	3
Supported Processor PCI Express Port Configurations	1x16
Package Specifications	
Package Size	23mm x 23mm
Low Halogen Options Available	See MDDS
Advanced Technologies	
Intel® Virtualization Technology for Directed I/O (VT-d) †	Yes
Intel® vPro Technology †	No

Related Products

Products formerly Skylake

Learn how Intel is pursuing conflict-free technology. >

Visit the Embedded Design Center >

Quick Links

- [Export Full Specifications >](#)
- [Support Overview >](#)
- [Search Distributors >](#)

PCN/MDDS Information

SR2CA
943515: [PCN](#) | [MDDS](#)

Intel® ME Firmware Version	11.0
Intel® HD Audio Technology	Yes
Intel® Rapid Storage Technology	Yes
Intel® Rapid Storage Technology enterprise	No
Intel® Standard Manageability	No
Intel® Smart Response Technology	No
Intel® Stable Image Platform Program (SIPP)	No
Intel® Small Business Advantage	No
Intel® Platform Protection Technology	
Trusted Execution Technology ‡	No

All information provided is subject to change at any time, without notice. Intel may make changes to manufacturing life cycle, specifications, and product descriptions at any time, without notice. The information herein is provided "as-is" and Intel does not make any representations or warranties whatsoever regarding accuracy of the information, nor on the product features, availability, functionality, or compatibility of the products listed. Please contact system vendor for more information on specific products or systems.

"Intel classifications" consist of Export Control Classification Numbers (ECCN) and Harmonized Tariff Schedule (HTS) numbers. Any use made of Intel classifications are without recourse to Intel and shall not be construed as a representation or warranty regarding the proper ECCN or HTS. Your company may be the exporter of record, and as such, your company is responsible for determining the correct classification of any item at the time of export.

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.


"Conflict free" and "conflict-free" means "DRC conflict free", which is defined by the U.S. Securities and Exchange Commission rules to mean products that do not contain conflict minerals (tin, tantalum, tungsten and/or gold) that directly or indirectly finance or benefit armed groups in the Democratic Republic of the Congo (DRC) or adjoining countries. Intel also uses the term "conflict-free" in a broader sense to refer to suppliers, supply chains, smelters and refiners whose sources of conflict minerals do not finance conflict in the DRC or adjoining countries. Intel processors manufactured before January 1, 2013 are not confirmed conflict free. The conflict free designation refers only to product manufactured after that date. For Intel Boxed Processors, the conflict free designation refers to the processor only, not to any additional included accessories, such as heatsinks/coolers.

The Recommended Customer Price ("RCP") is pricing guidance for Intel products. Prices are for direct Intel customers, typically represent 1,000-unit purchase quantities, and are subject to change without notice. Taxes and shipping, etc. not included. Prices may vary for other package types and shipment quantities, and special promotional arrangements may apply. If sold in bulk, price represents individual unit. Listing of these RCP does not constitute a formal pricing offer from Intel. Please work with your appropriate Intel representative to obtain a formal price quotation.

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 warrant, 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>

 [Send us your feedback!](#)



[Company Information](#) | [Our Commitment](#) | [Communities](#) | [Investor Relations](#) | [Contact Us](#)

[Newsroom](#) | [Jobs](#)



© Intel Corporation | [Terms of Use](#) | [*Trademarks](#) | [Privacy](#) | [Cookies](#) | [Supply Chain Transparency](#) | [Site Map](#)