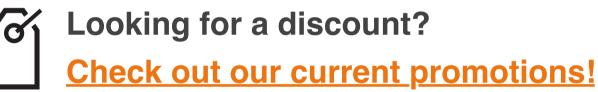


| GLH1 | 10 | S | R2CA |
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Company Address

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(Intel® GL82H110 PCH)

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Specifications Essentials
Memory Specifications
Graphics Specifications
Expansion Options
I/O Specifications
Package Specifications
Advanced Technologies
Intel® Platform
Protection Technology
```

Ordering / sSpecs / Steppings

| 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 |
| Momory Specifications | |
| 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 |

No

Intel[®] vPro Technology [‡]

| Related Products | | |
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| Products formerly Skylake | | |
| | | |
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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 |
| | |

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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-intel-processors.html

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