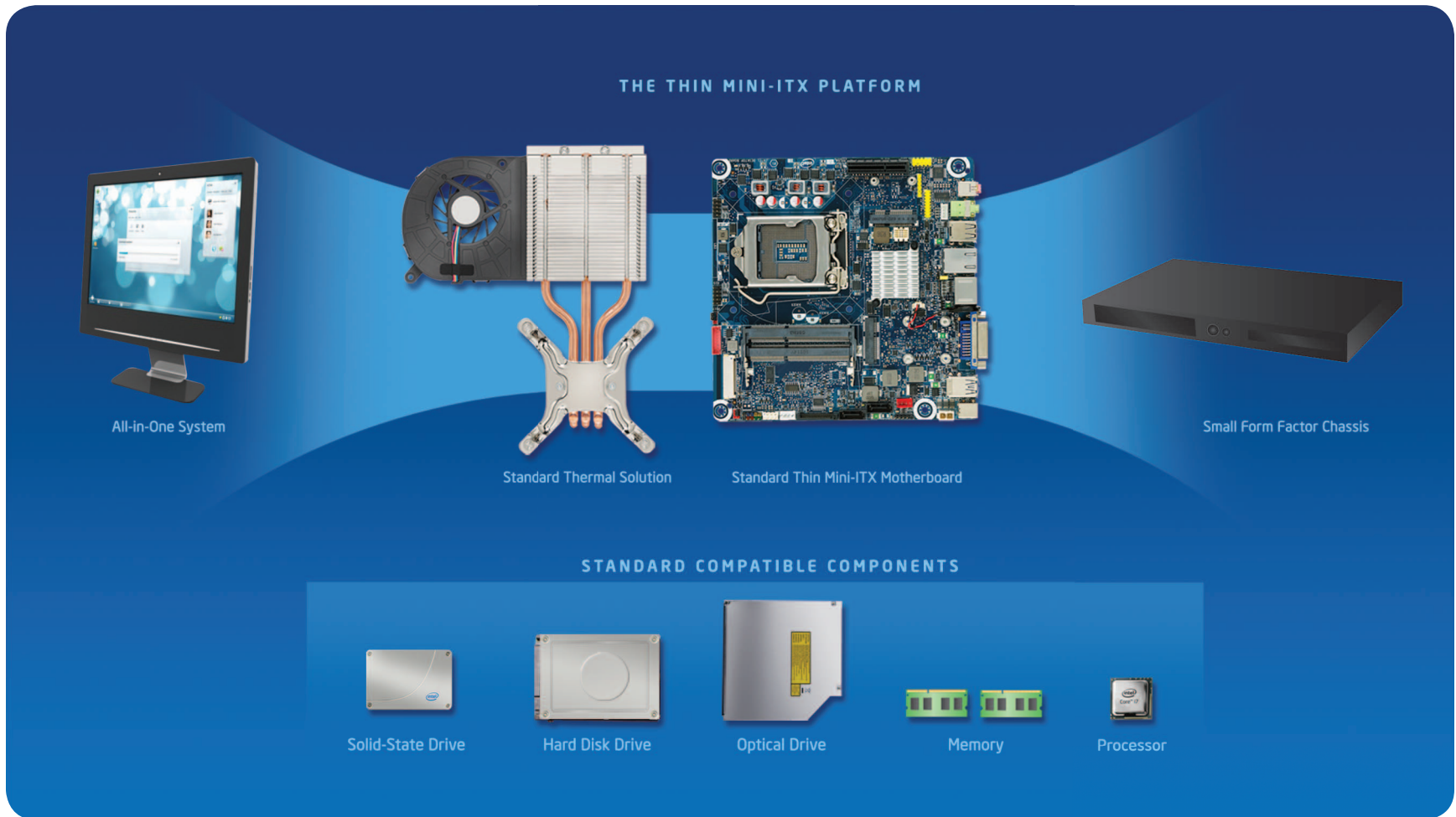


# Thin Mini-ITX Component Catalog



# Introducing The Thin Mini-ITX Platform

The Thin Mini-ITX platform is fueling the transformation of the desktop. Built around the standard thermal solution and a motherboard with a 25mm I/O shield, this platform gives users the power of a desktop in a thin, stylish package.



## All-in-One Chassis

**Loop\***

Model: Loop AIO Chassis  
Size: 21.5 inches

Standard Thermal Solution

**ECS\***

Model: G11  
Size: 21.5 inches

Standard Thermal Solution

**ECS**

Model: G11 VESA Mount  
Size: 21.5 inches

Standard Thermal Solution

**Gigabyte\***

Model: GB-AEBN  
Size: 18.5 inches

Standard Thermal Solution

**Gigabyte**

Model: GB-AEDT  
Size: 21.5 inches

Standard Thermal Solution

**Gigabyte**

Model: GB-AEGT  
Size: 24 inches

Standard Thermal Solution

## All-in-One Chassis

**MiTac\***

Model: Maestro 650

Size: 21.5 inches

Standard Thermal Solution ❌

**MiTac**

Model: Maestro 650 Stand

Size: 21.5 inches

Standard Thermal Solution ❌

**Wibtek\***

Model: A21

Size: 21.5 inches

Standard Thermal Solution ✅

**Wibtek**

Model: A21 Multitouch

Size: 21.5 inches

Standard Thermal Solution ✅

**Shuttle\***

Model: AIO Panel C

Size: 18.5 inches

Standard Thermal Solution ❌

## Standard Thermal Solution

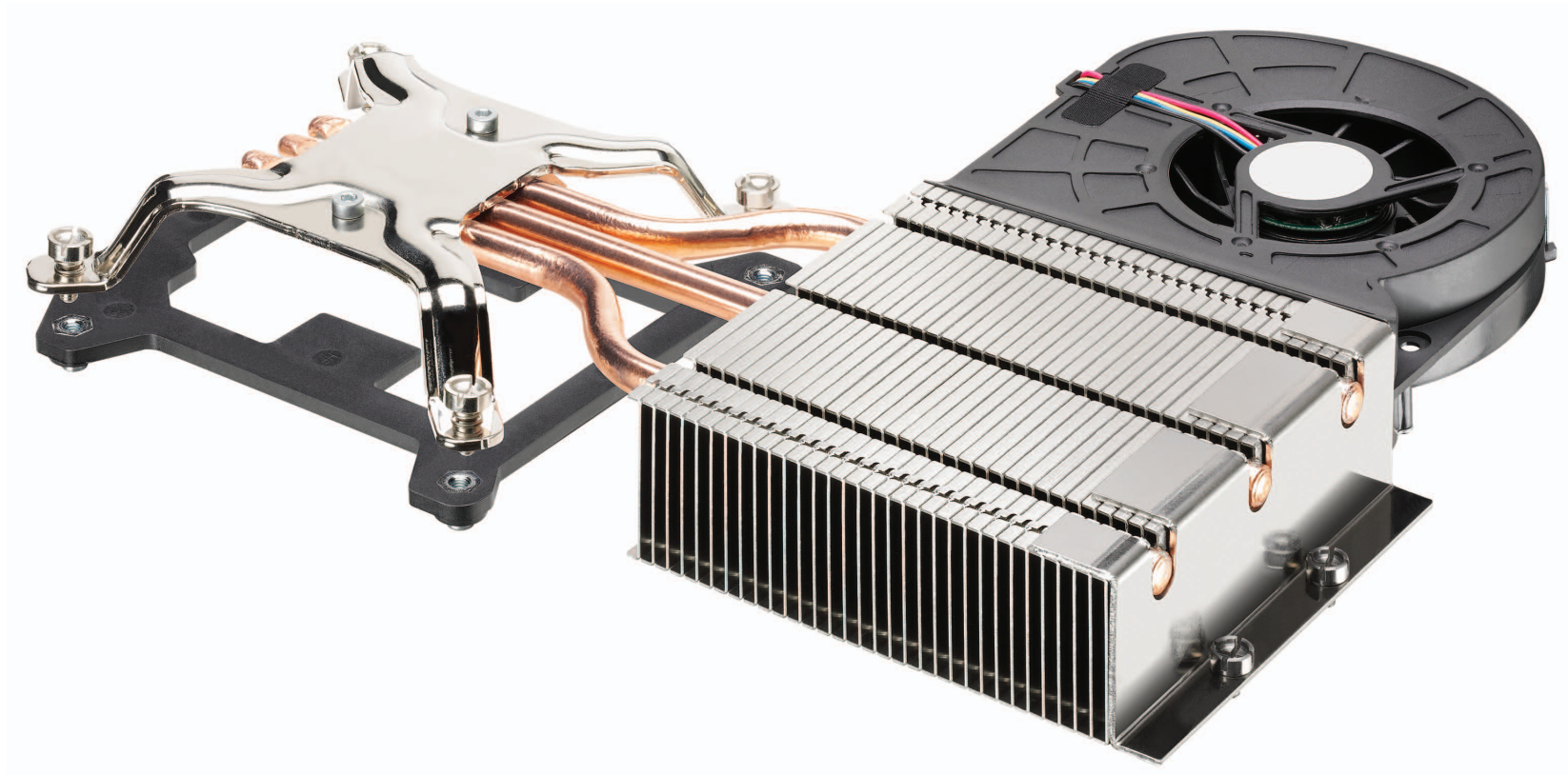
While some of the chassis that use this platform require a customized thermal solution, many take advantage of the Intel® Standard Thermal Solution that allows for local integration and ensures the best thermal performance available. Intel supports all 65W LGA1155 desktop processors, including the 2nd Generation Intel® Core™ Processor Family.

- ✓ Standard Thermal Solution
- ✗ Custom Thermal Solution ships with chassis



## Intel® Standard Thermal Solution

Model: HTS1155LP



## Small Form Factor Chassis



**In Win\***

Model: K1 Convertible

Standard Thermal Solution



**G-Alantic\***

Model: GA6501

Standard Thermal Solution



Monitor not included

**Lian-Li\***

Model: PC-Q05

Standard Thermal Solution



**Morex\***

Model: 5505

Standard Thermal Solution



**Morex**

Model: 8810

Standard Thermal Solution



**Morex**

Model: 887

Standard Thermal Solution

## Small Form Factor Chassis



**Morex**

Model: 557

Standard Thermal Solution ❌



**OEM Productions\***

Model: ITX-100H-H6100A

Standard Thermal Solution ❌



**SilverStone\***

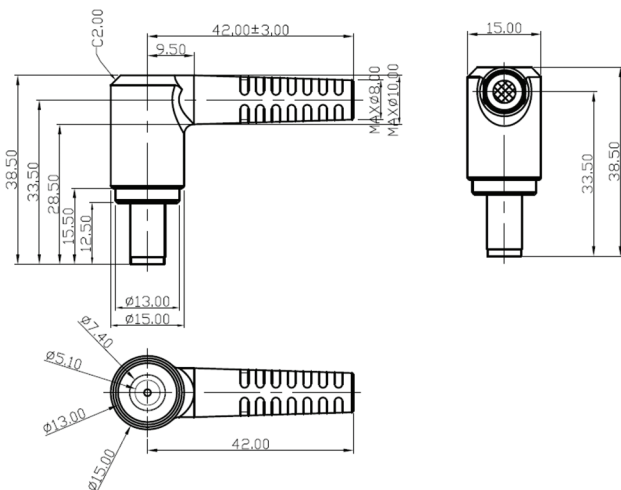
Model: DH61AG chassis

Standard Thermal Solution ✅

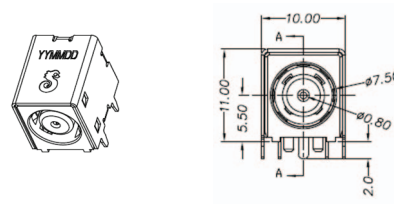
## Standard External Power Supply

<b>Bestec*</b>	BT-AG151EBF-H	150W	19V
	BT-AG151EBF	150W	19V
	BT-AG181EGF-H	180W	19V
<b>Delta*</b>	ADP-150TB B*	150 W	19V
<b>FSP*</b>	FSP120-ABAN1	120 W	19V
	FSP150-ABAN1	150 W	19V
	FSP180-ABAN1	180 W	19V
<b>Liteon*</b>	PA-1151-03XX	150W	19V
	PA-1181-02XX	180W	19V
<b>Great Wall*</b>	GA120S	120 W	19V
	GA150S	150 W	19V

## Mainstream Motherboard Power Connector



## Standard 19 V Connector for Intel® Core™ Based Boards



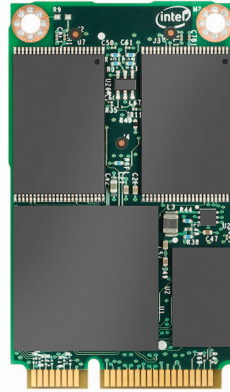


## Other Compatible Components



### Intel® Centrino® Advanced-N 6230

- 62230AN.HMWG
- 62230AN.HMWB



### Intel® SSD 310 Series

- SSDMAEMC080G2C1 (80 GB)
- SSDMAEMC040G2C1 (40 GB)

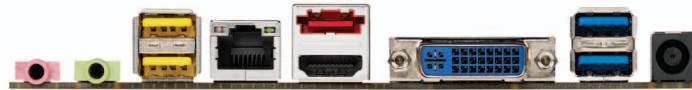
## Motherboards

Thin Mini-ITX Motherboards are the foundation of the platform. These motherboards utilize 2nd generation Intel® Core™ processors in the LGA1155 package and innovative premium features to deliver a rich user experience with all the power of a desktop in a minimal form factor. This combination represents the perfect solution for high-performance AIO systems, Tiny PCs, and home theater PC systems.

### Intel® Desktop Board

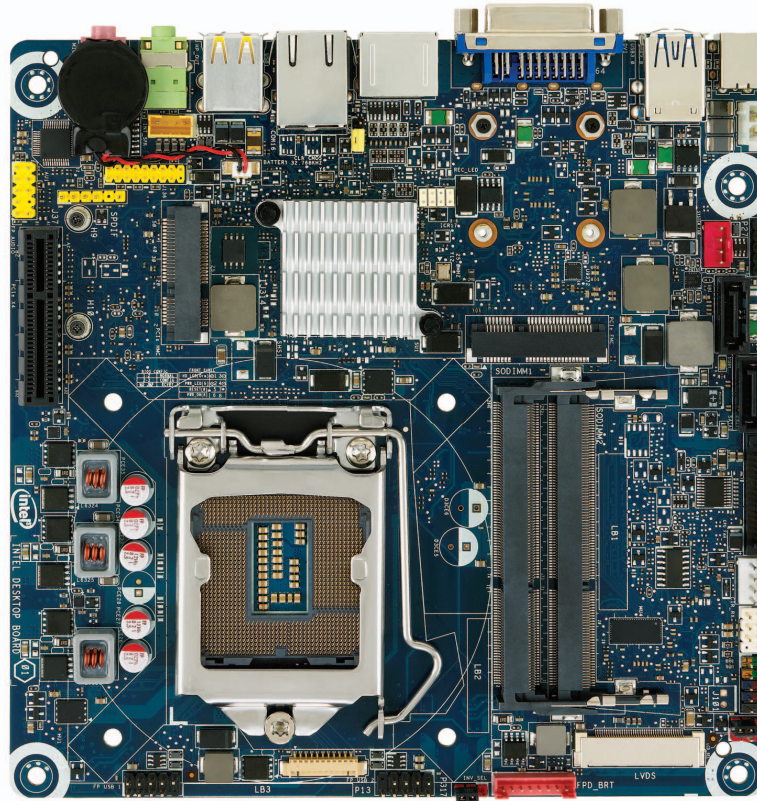
Model: DH61AG

Chipset: H61



### All Current Thin Mini-ITX Motherboards Support:

- DT socket
- SODIMM memory
- LVDS and/or EDP headers for internal display
- Onboard DC power
- Mini PCIe ports for expandability



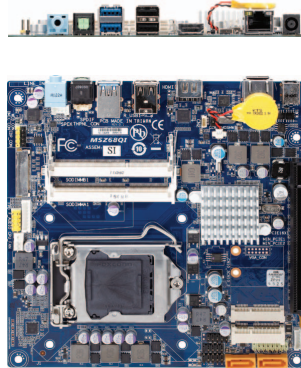
### Other Motherboards Like the DH61AG Also Support:

- SuperSpeed USB 3.0
- eSATA
- Audio
- Intel® HD Graphics
- High Current/Fast charging USB 2.0 ports
- Full display output support with HDMI\* and DVI-I

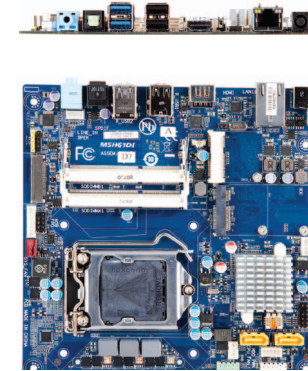
## Motherboards



**Gigabyte\***  
Model: MSH61PI  
Chipset: H61



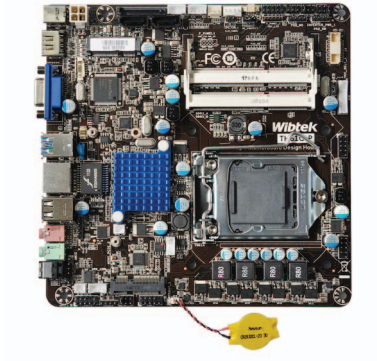
**Gigabyte**  
Model: MSZ68QI  
Chipset: Z68



**Gigabyte**  
Model: MSZ68QI  
Chipset: H61



**ECS\***  
Model: H61H-G11  
Chipset: H61



**Wibtek\***  
Model: TH61G-P  
Chipset: H61

### Also Available

**MiTac\***  
Model: PH10CI  
Chipset: H61

For more information on designing for the Thin Mini-ITX platform, visit [intel.com/go/aio](http://intel.com/go/aio)

For more information on purchasing these components, visit [intel.com/reseller](http://intel.com/reseller)

\*\*Performance tests and ratings are measured using specific computer systems and/or components and reflect the approximate performance of Intel products as measured by those tests. Any difference in system hardware or software design or configuration may affect actual performance. Buyers should consult other sources of information to evaluate the performance of systems or components they are considering purchasing. For more information on performance tests and on the performance of Intel products, visit [intel.com/performance/resources/benchmark\\_limitations.htm](http://intel.com/performance/resources/benchmark_limitations.htm).


INFORMATION IN THIS DOCUMENT IS PROVIDED IN CONNECTION WITH INTEL® PRODUCTS. NO LICENSE, EXPRESS OR IMPLIED, BY ESTOPPEL OR OTHERWISE, TO ANY INTELLECTUAL PROPERTY RIGHTS IS GRANTED BY THIS DOCUMENT. EXCEPT AS PROVIDED IN INTEL'S TERMS AND CONDITIONS OF SALE FOR SUCH PRODUCTS, INTEL ASSUMES NO LIABILITY WHATSOEVER, AND INTEL DISCLAIMS ANY EXPRESS OR IMPLIED WARRANTY, RELATING TO SALE AND/OR USE OF INTEL PRODUCTS INCLUDING LIABILITY OR WARRANTIES RELATING TO FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY, OR INFRINGEMENT OF ANY PATENT, COPYRIGHT OR OTHER INTELLECTUAL PROPERTY RIGHT. UNLESS OTHERWISE AGREED IN WRITING BY INTEL, THE INTEL PRODUCTS ARE NOT DESIGNED NOR INTENDED FOR ANY APPLICATION IN WHICH THE FAILURE OF THE INTEL PRODUCT COULD CREATE A SITUATION WHERE PERSONAL INJURY OR DEATH MAY OCCUR.

Intel may make changes to specifications and product descriptions at any time, without notice. Designers must not rely on the absence or characteristics of any features or instructions marked "reserved" or "undefined." Intel reserves these for future definition and shall have no responsibility whatsoever for conflicts or incompatibilities arising from future changes to them. The information here is subject to change without notice. Do not finalize a design with this information.

The products described in this document may contain design defects or errors known as errata which may cause the product to deviate from published specifications. Current characterized errata are available on request. Contact your local Intel sales office or your distributor to obtain the latest specifications and before placing your product order. Copies of documents which have an order number and are referenced in this document, or other Intel literature, may be obtained by calling 1-800-548-4725, or by visiting Intel's Web site at [www.intel.com](http://www.intel.com).

Copyright © 2011 Intel Corporation. All rights reserved. Intel, the Intel logo, and Core are trademarks of Intel Corporation in the U.S. and other countries.

\*Other names and brands may be claimed as the property of others.

 Please Recycle