

## Gigabyte H61MA-D2V S1155 Intel H61 DDR3

**Product Description**

Gigabyte GA-H61MA-D2V - 2.0 - motherboard - micro ATX - LGA1155 Socket - H61

**Product Type**

Motherboard - micro ATX

**Chipset Type**

Intel H61 Express

**Processor Socket**

1 x LGA1155 Socket

**Compatible Processors**

Celeron, Core i5, Core i3, Core i7, Pentium G600 series, Pentium G800 series

**Max RAM Size**

16 GB

**RAM Supported**

2 DIMM slots - DDR3 , non-ECC

**Storage Ports**

4 x SATA-300

**USB / FireWire Ports**

2 x USB 3.0 + 4 x USB 2.0 + ( 4 x USB 2.0 via headers )

**Audio**

HD Audio (8-channel)

**LAN**

Gigabit Ethernet

## Asus AM3+ AMD 760G DDR3 uATX

**Product Description**

ASUS M5A78L-M/USB3 - motherboard - micro ATX - Socket AM3+ - AMD 760G

**Product Type**

Motherboard - micro ATX

**Chipset Type**

AMD 760G / AMD SB710

**Processor Socket**

1 x Socket AM3+

**Compatible Processors**

Sempron, Phenom II X3, Athlon II X2, Phenom II X2, Athlon II X4, Athlon II X3, Phenom II X4, Phenom II X6, FX ( Maximum TDP 140 Watt )

**Max RAM Size**

16 GB

**RAM Supported**

4 DIMM slots - DDR3 , non-ECC, ECC , unbuffered

**Storage Ports**

6 x SATA-300 (RAID)

**USB / FireWire Ports**

2 x USB 3.0 + 4 x USB 2.0 + ( 6 x USB 2.0 via headers )

**Graphics**

ATI Radeon HD 3000

**Audio**

HD Audio (8-channel)

**LAN**

Gigabit Ethernet

## Asus F1A55 R2.0 AMD A55 FM1 DDR3 mATX

**Product Description**

ASUS F1A55 - 2.0 - motherboard - ATX - Socket FM1 - AMD A55

**Product Type**

Motherboard - ATX

**Chipset Type**

AMD A55

**Processor Socket**

1 x Socket FM1

**Compatible Processors**

Athlon II X2, Athlon II X4, Sempron X2, A8 series, A6 series, A4 series, E2-3200

**Max RAM Size**

64 GB

**RAM Supported**

4 DIMM slots - DDR3 , non-ECC , unbuffered

**Storage Ports**

6 x SATA-300 (RAID)

**USB / FireWire Ports**

2 x USB 3.0 + 6 x USB 2.0 + ( 6 x USB 2.0 via headers )

**Audio**

HD Audio (8-channel)

**LAN**

Gigabit Ethernet

# Motherboard 4

# Building a Computer

## Gigabyte F2A55M-HD2 AMD FM2 A55 DDR3

**Product Description**

Gigabyte GA-F2A55M-HD2 - 1.0 - motherboard - ATX - Socket FM2 - AMD A55

**Product Type**

Motherboard - ATX

**Chipset Type**

AMD A55

**Processor Socket**

1 x Socket FM2

**Compatible Processors**

Athlon, A8 series, A6 series, A4 series, A10 series

**Max RAM Size**

32 GB

**RAM Supported**

2 DIMM slots - DDR3

**Storage Ports**

4 x SATA-300 (RAID)

**USB / FireWire Ports**

4 x USB 2.0 + ( 4 x USB 2.0 via headers )

**Audio**

HD Audio (8-channel)

**LAN**

Gigabit Ethernet

## Processor 1

# Building a Computer

### AMD A8-5600K 3.6GHz 4MB

**Product Description**

AMD Black Edition AMD A series A8-5600K / 3.6 GHz processor

**Product Type**

Processor

**Processor Type**

AMD A series A8-5600K

**Number of Cores**

Quad-Core

**Cache**

4 MB

**Integrated Graphics**

AMD Radeon HD 7560D

**Compatible Processor Socket**

Socket FM2

**Clock Speed**

3.6 GHz

**Max Turbo Speed**

3.9 GHz

**Manufacturing Process**

32 nm

## Processor 2

# Building a Computer

### Intel Core i3-2120 3.30GHz 3MB

**Product Description**

Intel Core i3 2120 / 3.3 GHz processor

**Product Type**

Processor

**Processor Type**

Intel Core i3 2120 (2nd Gen)

**Number of Cores**

Dual-Core / 4 threads

**Cache**

3 MB

**64-bit Computing**

Yes

**Integrated Graphics**

Intel HD Graphics 2000

**Compatible Processor Socket**

LGA1155 Socket

**Clock Speed**

3.3 GHz

**Manufacturing Process**

32 nm

## Processor 3

# Building a Computer

### AMD FX-4170 4.2GHz 12MB 125W

**Product Description**

AMD Black Edition AMD FX 4170 / 4.2 GHz processor

**Product Type**

Processor

**Processor Type**

AMD FX 4170

**Number of Cores**

Quad-Core

**Cache**

8 MB

**64-bit Computing**

Yes

**Compatible Processor Socket**

Socket AM3+

**Clock Speed**

4.2 GHz

**Max Turbo Speed**

4.4 GHz

**Manufacturing Process**

32 nm

## Processor 4

# Building a Computer

### AMD Athlon II 641 2.8GHz 4MB 100W

**Product Description**

AMD Athlon II X4 641 / 2.8 GHz processor

**Product Type**

Processor

**Processor Type**

AMD Athlon II X4 641

**Number of Cores**

Quad-Core

**Cache**

4 MB

**64-bit Computing**

Yes

**Compatible Processor Socket**

Socket FM1

**Clock Speed**

2.8 GHz

**Manufacturing Process**

32 nm



## Case 1

# Building a Computer

### Antec Minuet 350 Piano Black Slimline PC Case

**Product Description**

Antec New Solution Minuet 350 -UK - desktop - micro ATX

**Form Factor**

Desktop slimline

**Dimensions (WxDxH)**

31.9 cm x 43.9 cm x 9.4 cm

**Weight**

5.7 kg

**Colour**

Piano black

**I/O Connectors**

2 x USB 3 , 1 x storage - eSATA , 1 x headphones, 1 x microphone

**Installed Fans Qty**

1

**Supported Mainboards**

microATX

**System Cabinet Features**

Desktop to tower convertible, flip-up drive cage, Power Device  
Power supply 350 Watt

**Mainboard Power Connectors**

24(20) pin power connector with detachable 4 pin section, 4-pin ATX12V connector

**Specification Compliance**

ATX12V

## Case 2

# Building a Computer

### Best Value Case ME-205B 500W PSU

**Dimensions**

W 175mm D 412mm H 360mm

**System Cabinet Features**

PSU- 500w with 1 x sata; 2 x molex

**Audio**

Audio Output: Y - HD Audio Ready

**I/O Connectors**

I/O Ports: 2 x USB 2.0

**Colour**

Black

**Weight**

5000g

**Supported Mainboards**

Micro ATX

**Material**

0.6mm SECC

**Ventilation Fans:**

1 x 80mm Rear fan Space

**External Drive bays**

2 x 5.25

**Internal Drive bays**

1 x 3.5; 2 x 3.5

## Case 3

# Building a Computer

### Antec LanBoy Air Yellow Modular Gaming Case

**Product Description**

Antec LanBoy Air mid tower - ATX

**Form Factor**

Mid tower

**Dimensions (WxDxH)**

26.9 cm x 53.6 cm x 54.6 cm

**Weight**

8.4 kg

**Colour**

Black, yellow

**I/O Connectors**

2 x Hi-Speed USB , 1 x SuperSpeed USB 3.0 , 1 x audio - input , 1 x audio - output

**Installed Fans Qty**

5

**Supported Mainboards**

ATX, microATX, Mini-ITX

**System Cabinet Features**

Blue LED, AirMount HDD suspension mount system

**Power Device**

No power supply

## Case 4

# Building a Computer

### Corsair 600T Series Mid-Tower Gaming Case

**Product Description**

Corsair Graphite Series 600T - mid tower - ATX

**Form Factor**

Mid tower

**Dimensions (WxDxH)**

26.5 cm x 59.2 cm x 50.7 cm

**Weight**

12.7 kg

**Colour**

Black, graphite grey

**I/O Connectors**

4 x Hi-Speed USB , 1 x SuperSpeed USB 3.0 , 1 x IEEE 1394 (FireWire) , 1 x headphones - output , 1 x microphone - input

**Supported Mainboards**

ATX, microATX

**System Cabinet Features**

Manual fan speed control (4 channel), removable dust filter, CPU cut-out, cable management holes

**Power Device**

No power supply

## Memory Option 1

# Building a Computer

### Corsair 16GB (4x4GB) DDR3 DIMM 240-pin

**Product Description**

Corsair XMS3 memory - 4 GB - DIMM 240-pin - DDR3

**Storage Capacity**

4 GB

**Upgrade Type**

Generic

**Technology**

DDR3 SDRAM

**Form Factor**

DIMM 240-pin

**Memory Speed**

1600 MHz ( PC3-12800 )

**Data Integrity Check**

Non-ECC

**Latency Timings**

CL9 ( 9-9-9-24 )

**Features**

Intel Extreme Memory Profiles (XMP), XMS heat spreader, dual channel , unbuffered

**Supply Voltage**

1.5 V

**Manufacturer Warranty**

Limited lifetime warranty

## Memory Option 2

# Building a Computer

### Crucial 32GB (2x16GB) DDR3L

**Product Description**

Crucial memory - 16 GB - DIMM 240-pin - DDR3

**Storage Capacity**

16 GB

**Upgrade Type**

Generic

**Technology**

DDR3 SDRAM

**Form Factor**

DIMM 240-pin

**Memory Speed**

1333 MHz ( PC3-10600 )

**Data Integrity Check**

Non-ECC

**Latency Timings**

CL9

**Features**

Dual rank, Low Voltage, unbuffered

**Manufacturer Warranty**

Limited lifetime warranty

## Memory Option 3

# Building a Computer

### Corsair 16GB (2 x 8GB) Vengeance DDR3

**Product Description**

Corsair Vengeance memory - 8 GB - DIMM 240-pin - DDR3

**Storage Capacity**

8 GB

**Upgrade Type**

Generic

**Technology**

DDR3 SDRAM

**Form Factor**

DIMM 240-pin

**Memory Speed**

1600 MHz ( PC3-12800 )

**Data Integrity Check**

Non-ECC

**Latency Timings**

CL10 ( 10-10-10-27 )

**Features**

Jet Black heatspreader , unbuffered

**Supply Voltage**

1.5 V

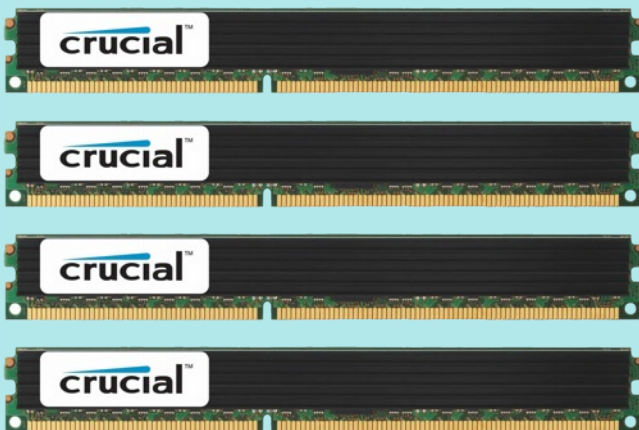
**Manufacturer Warranty**

Limited lifetime warranty

## Memory Option 4

# Building a Computer

### Crucial 64GB (4x16GB) DDR3L

**Product Description**

Crucial memory - 16 GB - DIMM 240-pin - DDR3

**Storage Capacity**

16 GB

**Upgrade Type**

Generic

**Technology**

DDR3 SDRAM

**Form Factor**

DIMM 240-pin

**Memory Speed**

1333 MHz ( PC3-10600 )

**Data Integrity Check**

Non-ECC

**Latency Timings**

CL9

**Features**

Dual rank, Low Voltage, unbuffered

**Manufacturer Warranty**

Limited lifetime warranty