

## 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

## 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

## 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

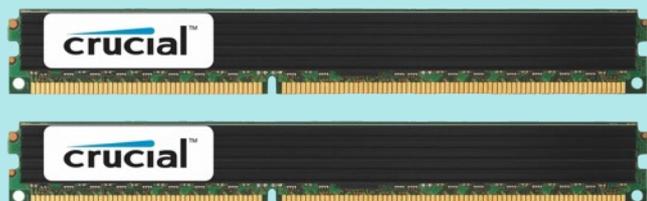
### Supply Voltage

1.5 V

### Manufacturer Warranty

Limited lifetime warranty

## 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

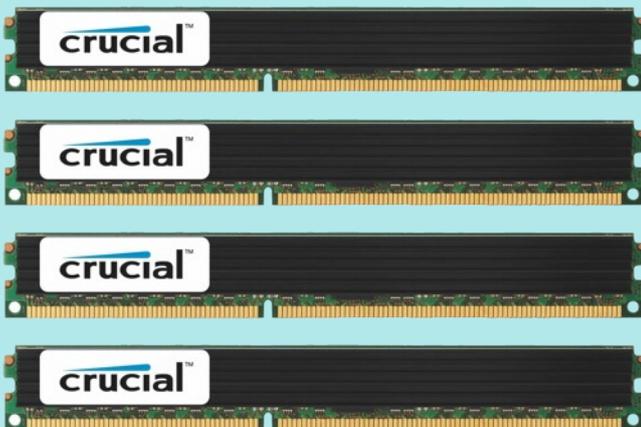
**Manufacturer Warranty**

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