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Processor

NameAMD Phenom II X4 955

Code NameDenebMax TDP125 W

PackageSocket AM3 (938)

Technology45 nmCore Voltage1.016 V



Specification

AMD Phenom(tm) II X4 955 Processor

FamilyFModel4Stepping3

Ext. Family10Ext. Model4RevisionRB-C3

InstructionsMMX(+), 3DNow!(+), SSE, SSE2, SSE3, SSE4A, x86-64, AMD-V

Clocks (Core #0)

Core Speed799.96 MHz

Multiplierx 4.0 (4 - 16)

Bus Speed199.99 MHz

HT Link1999.89 MHz

Cache

L1 Data4 x 64 KBytes2-way

L1 Inst.4 x 64 KBytes2-way

Level 24 x 512 KBytes16-way

Level 36 MBytes48-way

SelectionProcessor #1Cores4Threads4

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L1 D-Cache

Size64 KBytesx 4

Descriptor2-way set associative, 64-byte line size

L1 I-Cache

Size64 KBytesx 4

Descriptor2-way set associative, 64-byte line size

L2 Cache

Size512 KBytesx 4

Descriptor16-way set associative, 64-byte line size

L3 Cache

Size6 MBytes

Descriptor48-way set associative, 64-byte line size

Size

Descriptor

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General

TypeDDR3

Channel #Dual

Size12 GBytes

DC ModeUnganged

NB Frequency1999.9 MHz

Timings

DRAM Frequency666.6 MHz

FSB:DRAM3:10

CAS# Latency (CL)9.0 clocks

RAS# to CAS# Delay (tRCD)9 clocks

RAS# Precharge (tRP)9 clocks

Cycle Time (tRAS)24 clocks

Bank Cycle Time (tRC)33 clocks

Command Rate (CR)1T

DRAM Idle Timer

Total CAS# (tRDRAM)

Row To Column (tRCD)

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Motherboard

ManufacturerMICRO-STAR INTERNATIONAL CO.LTD

Model790FX-GD70(MS-7577)1.0

ChipsetAMD790FXRev. 00

SouthbridgeAMDSB700Rev. 00

LPCIOFintekF71889F

BIOS

BrandAmerican Megatrends Inc.

VersionV1.9

Date01/13/2010

Graphic Interface

VersionPCI-Express

Link Widthx1Max. Supportedx16

Side Band

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Memory Slot Selection

Slot #1DDR3

Module Size2048 MBytesCorrection

Max BandwidthPC3-10700 (667 MHz)Registered

ManufacturerKingstonBuffered

Part Number9905403-174.A00LFSPD Ext.

Serial Number870CDCEAWeek/Year49 / 10

Timings Table

	JEDEC #1	JEDEC #2	JEDEC #3	JEDEC #4
Frequency	457 MHz	533 MHz	609 MHz	666 MHz
CAS# Latency	6.0	7.0	8.0	9.0
RAS# to CAS#	6	7	8	9
RAS# Precharge	6	7	8	9
tRAS	17	20	22	24
tRC	23	27	30	33
Command Rate				
Voltage	1.50 V	1.50 V	1.50 V	1.50 V

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Memory Slot Selection

Slot #2DDR3

Module Size2048 MBytesCorrection

Max BandwidthPC3-10700 (667 MHz)Registered

ManufacturerKingstonBuffered

Part Number9905403-174.A00LFSPD Ext.

Serial Number830CEBE2Week/Year49 / 10

Timings Table

	JEDEC #1	JEDEC #2	JEDEC #3	JEDEC #4
Frequency	457 MHz	533 MHz	609 MHz	666 MHz
CAS# Latency	6.0	7.0	8.0	9.0
RAS# to CAS#	6	7	8	9
RAS# Precharge	6	7	8	9
tRAS	17	20	22	24
tRC	23	27	30	33
Command Rate				
Voltage	1.50 V	1.50 V	1.50 V	1.50 V

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Memory Slot Selection

Slot #3DDR3

Module Size8192 MBytesCorrection

Max BandwidthPC3-10700 (667 MHz)Registered

ManufacturerKingstonBuffered

Part NumberKHX1600C9D3/8GXSPD Ext. XMP 1.2

Serial Number0D325279Week/Year04 / 14

Timings Table

	JEDEC #2	JEDEC #3	JEDEC #4	XMP-1600
Frequency	533 MHz	609 MHz	666 MHz	800 MHz
CAS# Latency	7.0	8.0	9.0	9.0
RAS# to CAS#	7	8	9	9
RAS# Precharge	7	8	9	9
tRAS	20	22	24	27
tRC	27	30	33	36
Command Rate				
Voltage	1.50 V	1.50 V	1.50 V	1.500 V

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Display Device Selection

AMD Radeon R9 200 Series

Perf LevelPerf Level 1


GPU

NameAMD Radeon R9 200 Series

Board Manuf.ASUSTeK Computer Inc.

Code NameRevision

Technology



Clocks

Core1000 MHz

Shaders

Memory1260 MHz

Memory

Size4095 MBytes

Type

Bus Width

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About CPU-Z

Version 1.69.0 - March 2014

Author : Franck Delattre, CPUID

Infos and last updates at www.cpubid.com



CPU-Z is a freeware based on the CPUID Software Development Kit
Validation by Canard PC

Windows Version

Microsoft Windows 7 (6.1) 64-bit

Service Pack 1 (Build 7601)

DirectX 11.0

Tools

Save Report (.TXT)Validation

Save Report (.HTML)

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