

CompTIA A+ Certification Practice Test 6 (Exam 220-901)

▶ Which of the following units is used for measuring the speed of modern CPUs?

☒ ☒ ☒ GHz (✗ Missed)

☐ ☐ ☐ rpm

☐ ☐ ☐ Gbps

☐ ☐ ☐ MHz

🚫 Your answer to this question is incorrect.

▶ A type of CPU architecture where a single physical CPU contains more than one execution core on a single die or chip is known as:

☐ ☐ ☐ Parallel processing

☐ ☐ ☐ Symmetric Multiprocessing (SMP)

☒ ☒ ☒ Multicore (✗ Missed)

☐ ☐ ☐ Hyperthreading (HTT)

🚫 Your answer to this question is incorrect.

▶ The Land Grid Array (LGA) is a type of integrated circuit packaging that is notable for having pins arranged in a regular array on the underside of the package.

☐ ☐ ☐ True

☒ ☒ ☒ False (✗ Missed)

🚫 Your answer to this question is incorrect.

▶ Hardware enhancements adding support for virtualization developed by AMD for its CPUs are known as:

☐ ☐ ☐ Hyper-V

☐ ☐ ☐ AMD Catalyst

☐ ☐ ☐ VT-x

☒ ☒ ☒ AMD-V (✗ Missed)

🚫 Your answer to this question is incorrect.

▶ What are the characteristic features of Socket T? (Select 3 answers)

☐ ☒ ☒ 775 contacts (✗ Missed)

☐ ☐ ☐ PGA packaging

☐ ☒ ☒ Intel CPU socket (✗ Missed)

☐ ☒ ☒ LGA packaging (✗ Missed)

☐ ☐ ☐ 1150 contacts

☐ ☐ ☐ AMD CPU socket

🚩 Your answer to this question is incorrect.

▶ Which of the following provides a CPU with the fastest access to frequently used data?

☐ ☐ ☐ Flash memory

☐ ☒ ☐ Multi-level cache (✖ Missed)

☐ ☐ ☐ Random Access Memory (RAM)

☐ ☐ ☐ Secondary storage

🚩 Your answer to this question is incorrect.

▶ The NX bit technology implemented in CPUs manufactured by Intel is called:

☐ ☐ ☐ EVP

☐ ☒ ☐ XD bit (✖ Missed)

☐ ☐ ☐ VT-x

☐ ☐ ☐ Hyper-V

🚩 Your answer to this question is incorrect.

▶ Which of the answers listed below refer to the features of Socket H2? (Select 3 answers)

☐ ☒ ☐ LGA packaging (✖ Missed)

☐ ☐ ☐ AMD CPU socket

☐ ☒ ☐ 1155 contacts (✖ Missed)

☐ ☒ ☐ Intel CPU socket (✖ Missed)

☐ ☐ ☐ 1556 contacts

☐ ☐ ☐ PGA packaging

🚩 Your answer to this question is incorrect.

▶ A CPU design based on instruction set that tries to improve speed by utilizing relatively few and simple instructions is known as:

☐ ☒ ☐ RISC (✖ Missed)

☐ ☐ ☐ HPFS

☐ ☐ ☐ EPIC


☐ ☐ ☐ CISC

🚩 Your answer to this question is incorrect.

▶ The Pin Grid Array (PGA) is a type of surface-mount packaging for integrated circuits (ICs) that is notable for having pins on the socket rather than the integrated circuit.

☐ ☐ ☐ True

☐ ☒ ☐ False (✖ Missed)


 Your answer to this question is incorrect.


► Which of the following answers describe the characteristic features of Socket H/H1? (Select 3 answers)


☐ ☐ ☐ AMD CPU socket


☐ ☐ ☐ 942 contacts

☐ ☐ ☐ PGA packaging

☐ ☒  1156 contacts (✖ Missed)

☐ ☒  LGA packaging (✖ Missed)

☐ ☒  Intel CPU socket (✖ Missed)


 Your answer to this question is incorrect.


► The bus between the CPU and the internal memory cache (L2 cache) inside the CPU housing is called:

☐ ☐ ☐ I/O Controller Hub (ICH)

☐ ☐ ☐ Front-side bus (FSB)


☐ ☐ ☐ Universal Serial Bus (USB)

☐ ☒  Back-side bus (BSB) (✖ Missed)

 Your answer to this question is incorrect.


► A set of Intel CPU hardware enhancements improving support for virtualization is known as:

☐ ☐ ☐ EPV

☐ ☒  VT-x (✖ Missed)


☐ ☐ ☐ Catalyst

☐ ☐ ☐ Hyper-V

 Your answer to this question is incorrect.

► What are the characteristic features of Socket B? (Select 3 answers)

☐ ☒  1366 contacts (✖ Missed)


☐ ☒  Intel CPU socket (✖ Missed)

☐ ☐ ☐ 775 contacts

☐ ☒  LGA packaging (✖ Missed)

☐ ☐ ☐ AMD CPU socket

☐ ☐ ☐ PGA packaging


 Your answer to this question is incorrect.


► The bus between the CPU and northbridge is called:

☐ ☐ ☐ Back-side bus (BSB)

☐ ☐ ☐ Universal Serial Bus (USB)

☐ ☐ ☐ I/O Controller Hub (ICH)

☐ ☒  Front-side bus (FSB) (✖ Missed)

 Your answer to this question is incorrect.


► An additional ATX12V power connector designed to supply dedicated power for the CPU is known as:

☐ ☐ ☐ Mini-DIN

☐ ☒  P4 connector (✖ Missed)

☐ ☐ ☐ BNC connector

☐ ☐ ☐ P1 connector

 Your answer to this question is incorrect.

► Which of the answers listed below describe the features of Socket H3? (Select 3 answers)


☐ ☐ ☐ 1366 contacts


☐ ☒  LGA packaging (✖ Missed)

☐ ☐ ☐ AMD CPU socket

☐ ☒  1150 contacts (✖ Missed)

☐ ☐ ☐ PGA packaging

☐ ☒  Intel CPU socket (✖ Missed)

 Your answer to this question is incorrect.


► Which of the following acronyms refers to a specific feature of certain types of microprocessor sockets that facilitates the insertion and removal of a CPU chip?

☐ ☒  ZIF (✖ Missed)

☐ ☐ ☐ TPM

☐ ☐ ☐ ZIP

☐ ☐ ☐ FRU

 Your answer to this question is incorrect.


► What is the name of a microprocessor component that performs all comparisons and calculations?

☐ ☐ ☐ FRU

☐ ☐ ☐ UART

☐ ☒  ALU (✖ Missed)

☐ ☐ ☐ LUN

 Your answer to this question is incorrect.

► Which of the following answers refer(s) to example(s) of Intel CPU(s) designed for desktop and workstation computers? (Select all that apply)

☐ ☐ ☐ Itanium

☐ ☒  Celeron (✖ Missed)

☐ ☒  Pentium (✖ Missed)


<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Core i3 (✖ Missed)
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Athlon
<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Core i5 (✖ Missed)
<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Core i7 (✖ Missed)
Your answer to this question is incorrect.

▸ What is the name of a server-dedicated CPU series designed by AMD?
<input type="radio"/> <input type="radio"/> <input type="radio"/> Athlon
<input type="radio"/> <input checked="" type="radio"/> <input checked="" type="radio"/> Opteron (✖ Missed)
<input type="radio"/> <input type="radio"/> <input type="radio"/> Itanium
<input type="radio"/> <input type="radio"/> <input type="radio"/> Phenom
<input type="radio"/> <input type="radio"/> <input type="radio"/> Sempron
Your answer to this question is incorrect.




▸ Which of the following answers refer to the characteristics of Socket R? (Select 3 answers)
<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Intel CPU socket (✖ Missed)
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> PGA packaging
<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> 2011 contacts (✖ Missed)
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> AMD CPU socket
<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> LGA packaging (✖ Missed)
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1366 contacts
Your answer to this question is incorrect.


▸ Intel CPU server brands include: (Select 2 answers)
<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Xeon (✖ Missed)
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Celeron
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Opteron
<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Itanium (✖ Missed)
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Sempron
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Atom
Your answer to this question is incorrect.

▸ The NX bit technology implemented by AMD in its CPUs is known as:
<input type="radio"/> <input checked="" type="radio"/> <input checked="" type="radio"/> EVP (✖ Missed)
<input type="radio"/> <input type="radio"/> <input type="radio"/> XD bit
<input type="radio"/> <input type="radio"/> <input type="radio"/> VT-x
<input type="radio"/> <input type="radio"/> <input type="radio"/> Hyper-V

 Your answer to this question is incorrect.

▶ The AMD CPU brands designed for desktop and workstation computers include: (Select all that apply)

- ☐ ☐ ☐ Opteron
- ☐ ☒  Athlon (✖ Missed)
- ☐ ☒  Sempron (✖ Missed)
- ☐ ☒  Phenom (✖ Missed)
- ☐ ☒  FX (✖ Missed)

 Your answer to this question is incorrect.

Your Final Report

Total marks	45
Total Questions	25
Questions correctly answered	0
Success ratio	0%
Marks secured	0
Percentage secured	0%



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