

## Chapter 4: Interfacing and Buses

1. What types of ports and slots are found on a motherboard?

PCI ports, expansion slots.

2. List the signals carried by the system bus.

Data, Control

Power Address

3. How are memory locations identified and accessed?

CPUs transfer the communications between the RAM and PCI expansion devices.

4. What is another name for the RAM? What is its function?

That control lines in the system bus, controls the transmission and movement of information between devices connected to the motherboard.

5. What is another name for the CPU? What is its function?

Microcontroller: Processes the control lines between all secondary systems such as RAM, Expansion and Peripherals.

6. List the 4 most common motherboard form factors.

ATX, Micro-ATX, ITX, and SBC.

7. When was the ATX introduced? What was its predecessor?

1995 IBM replaced the AT with Baby-AT

8. What was a major problem with the ATX design? How was this corrected?

Issues of cooling systems

Created BTX in 2004.

9. What is the ATX and BTX layout and the rationale?

PowerATX

PowerBTX

10. What is an integrated PCI port? Are included on all motherboards?

System Bus

# Nt1110 Study Guide

**CL Gary**



## **Nt1110 Study Guide:**

The book delves into Nt1110 Study Guide. Nt1110 Study Guide is a crucial topic that must be grasped by everyone, from students and scholars to the general public. The book will furnish comprehensive and in-depth insights into Nt1110 Study Guide, encompassing both the fundamentals and more intricate discussions.

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- Chapter 2: Essential Elements of Nt1110 Study Guide
- Chapter 3: Nt1110 Study Guide in Everyday Life
- Chapter 4: Nt1110 Study Guide in Specific Contexts
- Chapter 5: Conclusion

2. In chapter 1, this book will provide an overview of Nt1110 Study Guide. This chapter will explore what Nt1110 Study Guide is, why Nt1110 Study Guide is vital, and how to effectively learn about Nt1110 Study Guide.
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