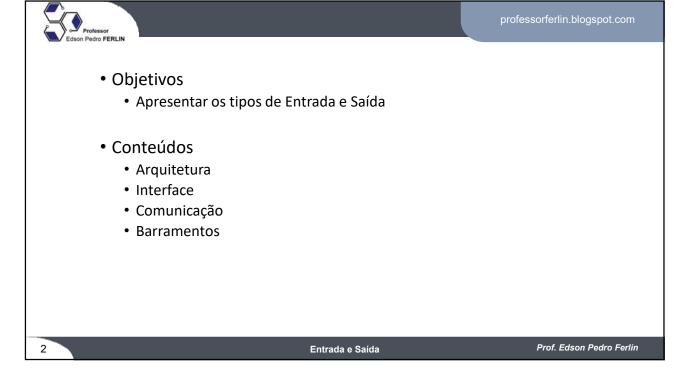
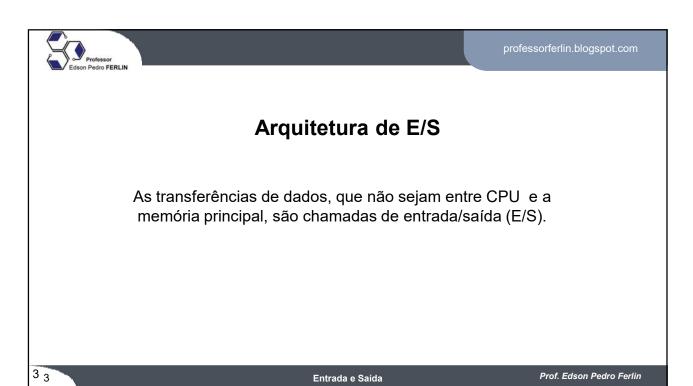
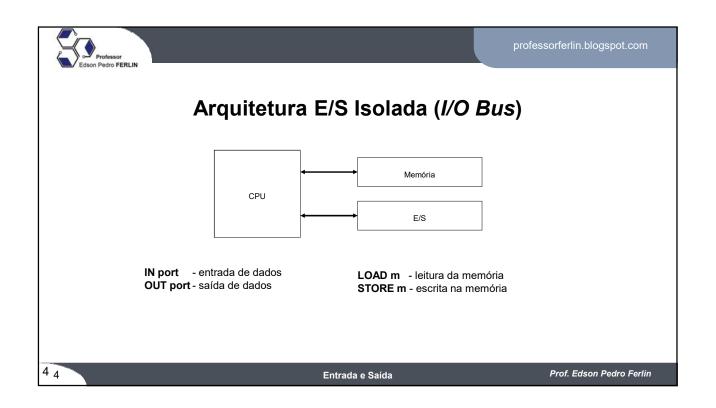
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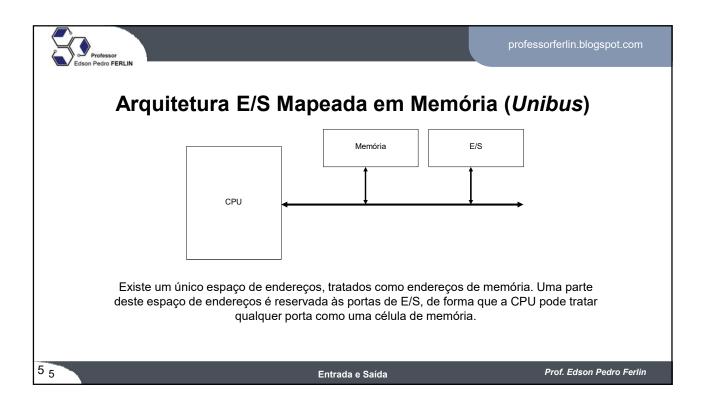


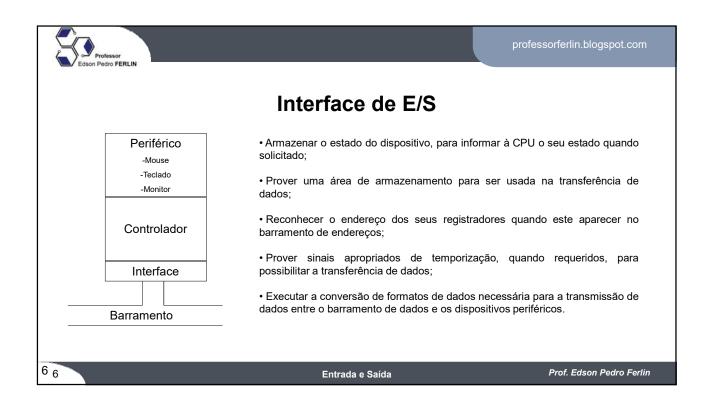
Entrada e Saída













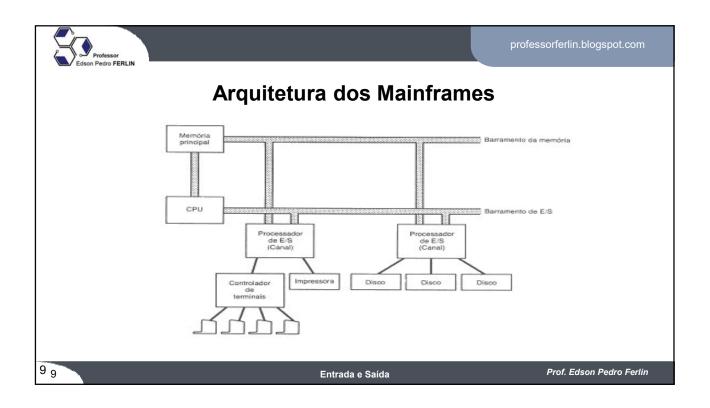
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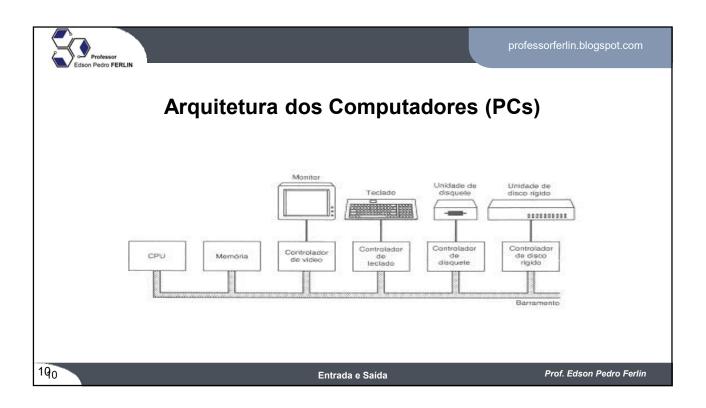
## Comunicação Paralela

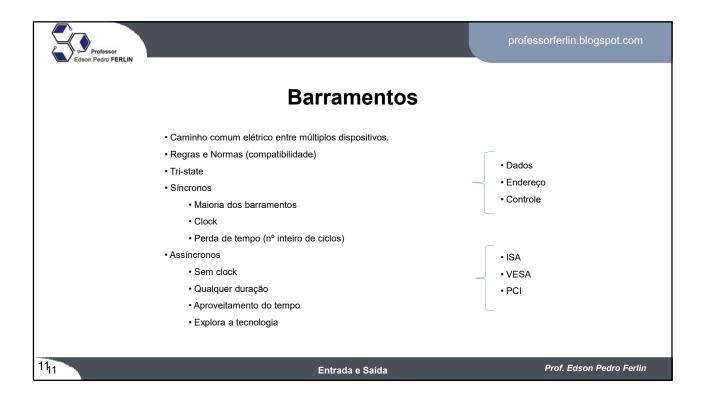
- Várias linhas físicas (8 bits)
- Distância < 2m
- · Velocidade grande de transferência
- Ex: Impressora

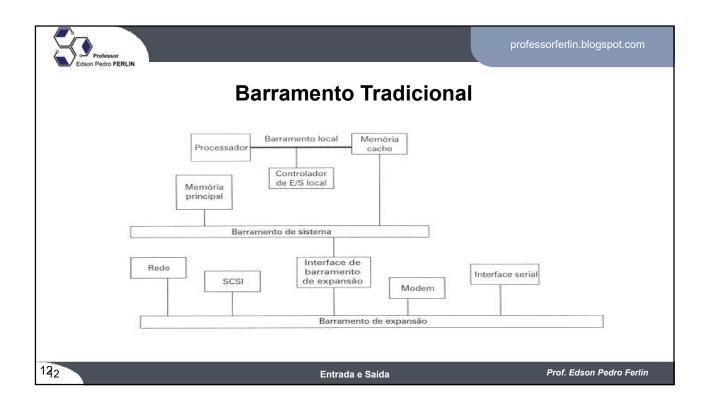
7 7 Entrada e Saída Prof. Edson Pedro Ferlin

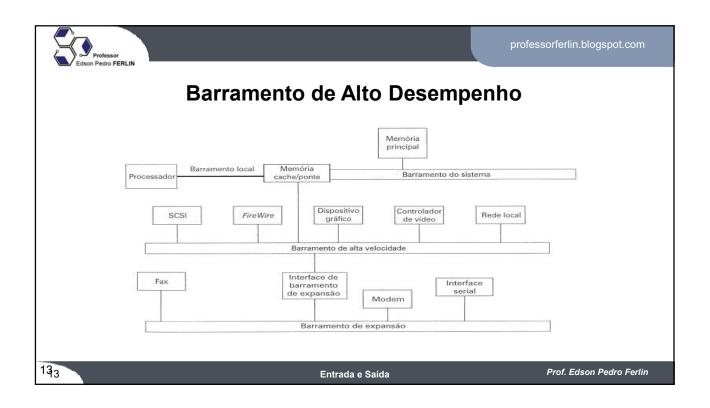


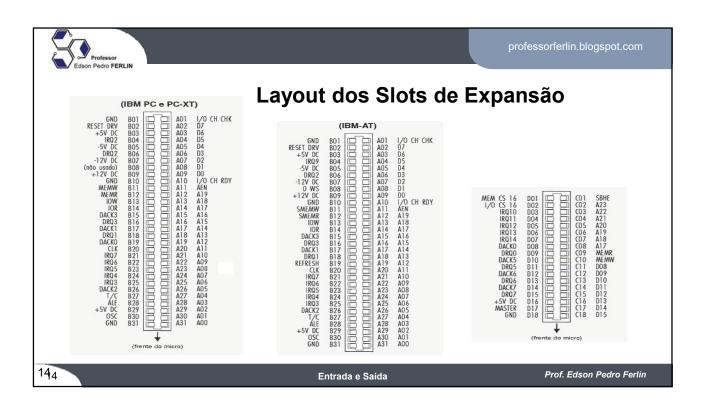














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## Métodos de Operação de E/S

- E/S controlada por programa
- E/S controlada por interrupção
- E/S controlada por hardware específico DMA (Direct Memory Access) ou acesso direto à memória

155 Entrada e Saída Prof. Edson Pedro Ferlin



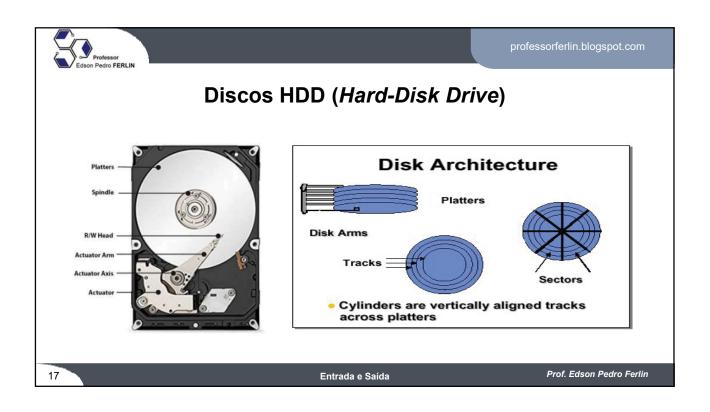
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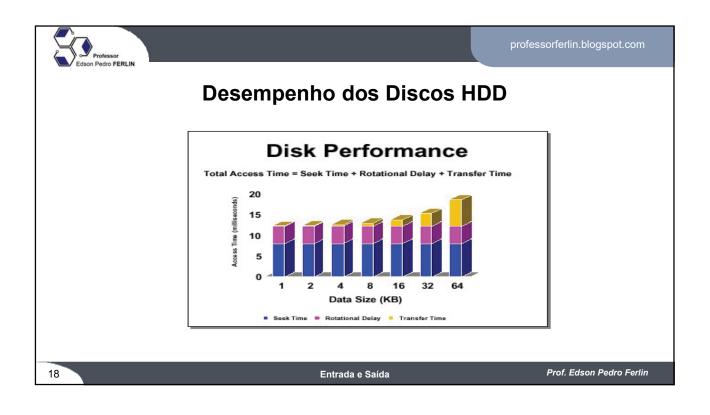
## MEMÓRIA SECUNDÁRIA Discos

166

Entrada e Saída

Prof. Edson Pedro Ferlin







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## Cálculo de HDD

Assista o vídeo sobre Cálculo de HDD (link: <a href="http://youtu.be/mqUaH7-zML8">http://youtu.be/mqUaH7-zML8</a>).





19 Entrada e Saída

Prof. Edson Pedro Ferlin



