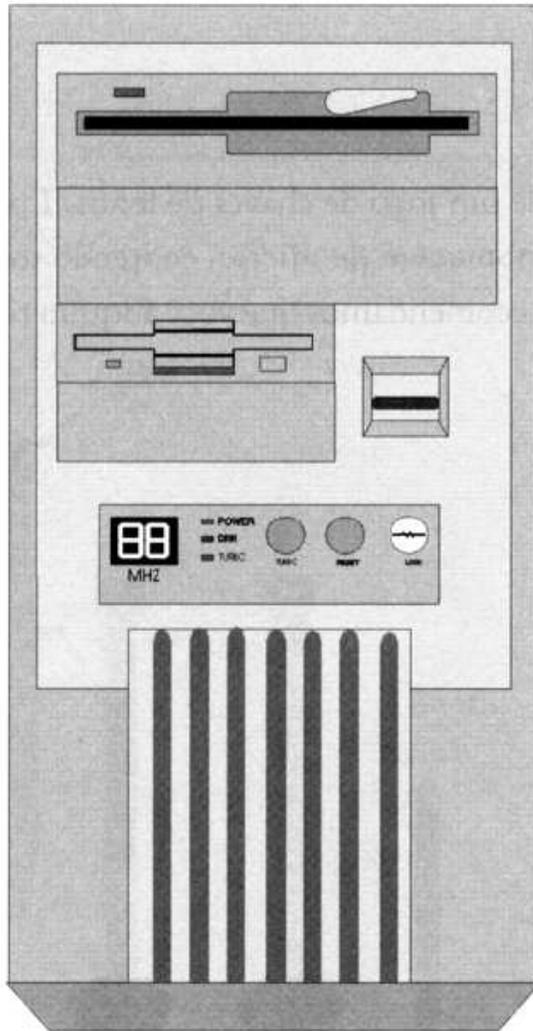


O Gabinete



Christian César de Azevedo

O Gabinete



- O gabinete é uma estrutura metálica na qual se acondiciona vários componentes. Ele nada mais é do que um chassi (armação metálica) com uma tampa protetora.

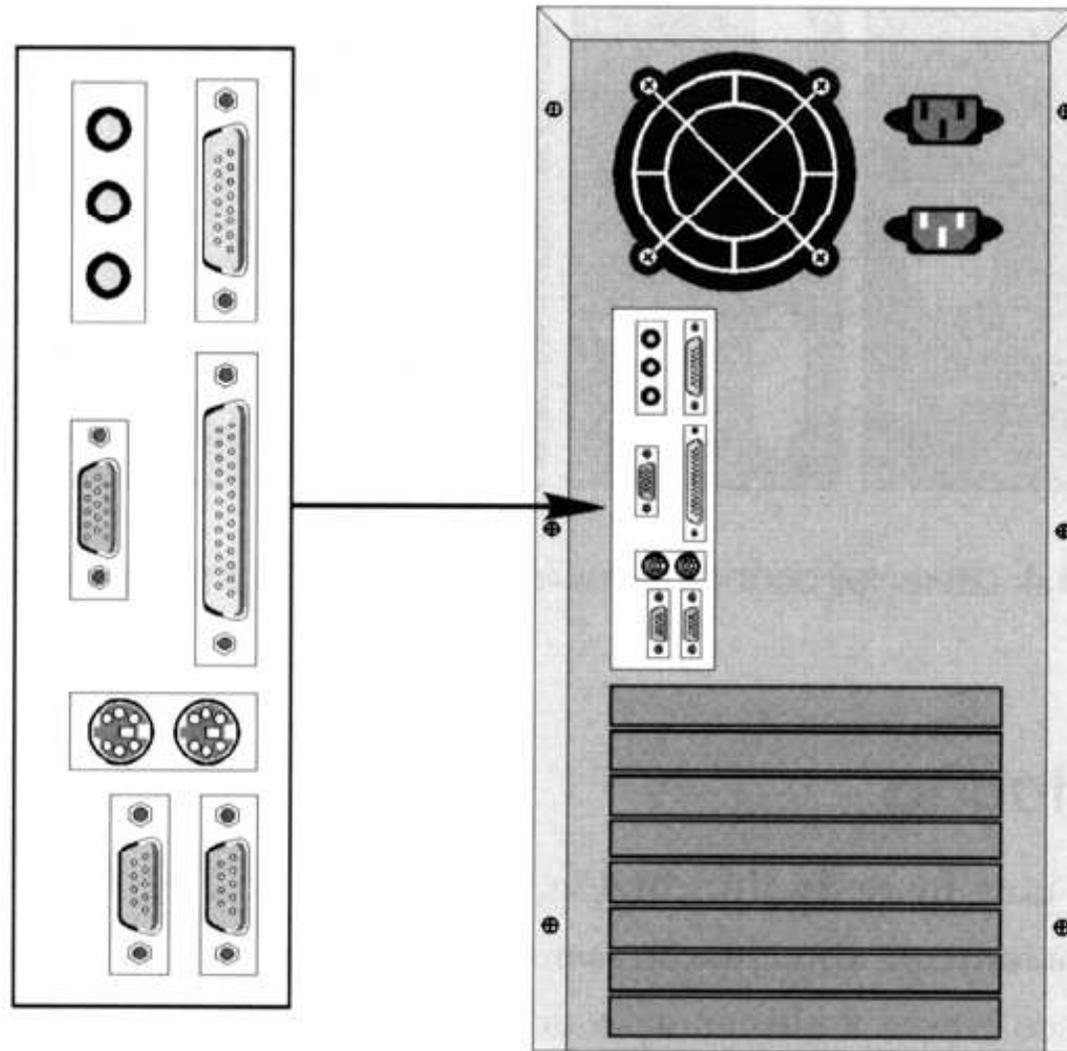
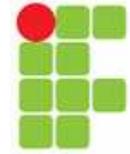
Formatos de Gabinete



- AT
- ATX
- ITX
- BTX

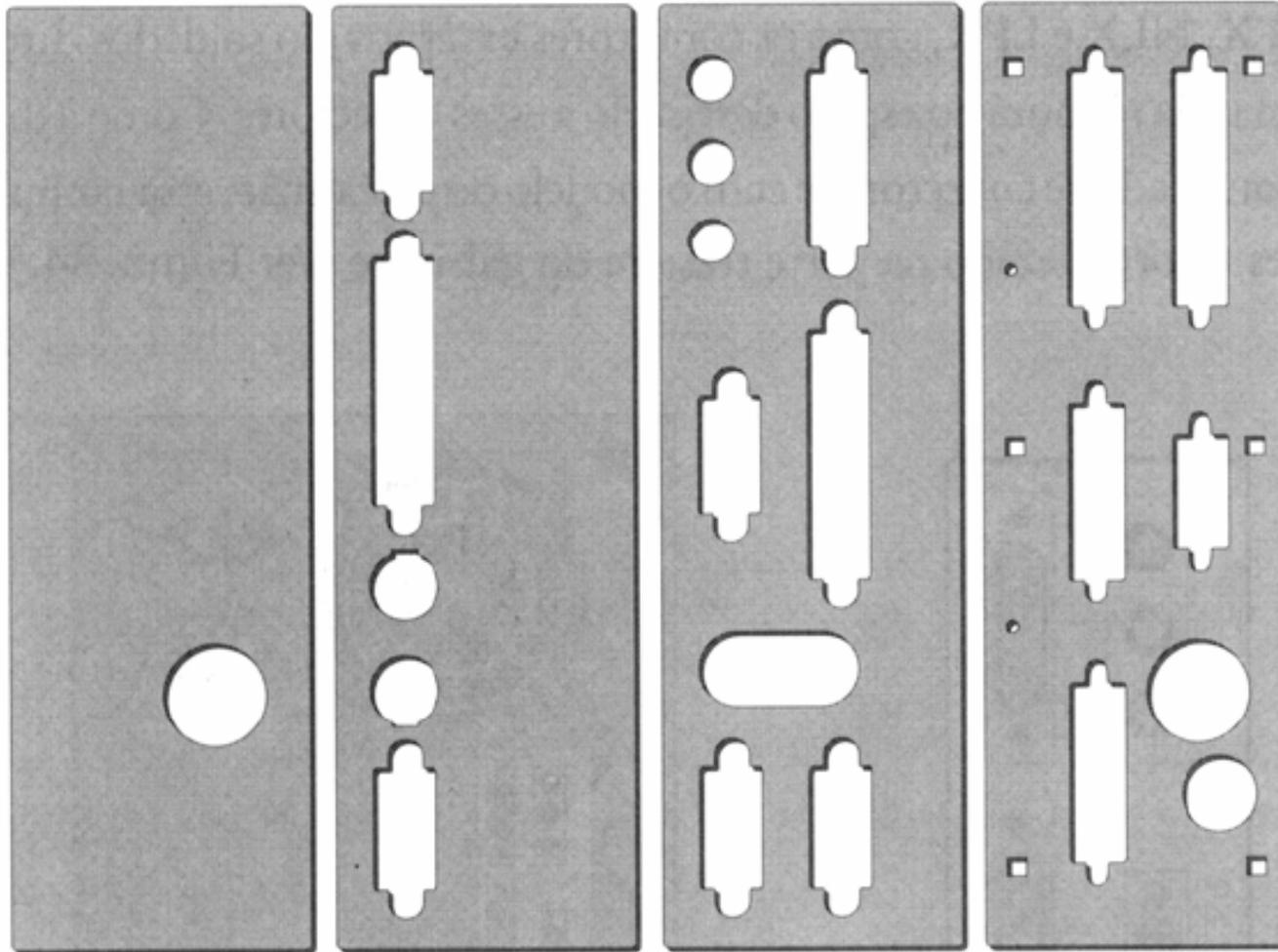
Padrão	Comprimento	Largura
ATX/NLX	30,5 cm	24,4 cm
Mini ATX	28,4 cm	20,8 cm
Flex ATX	22,9 cm	19,1 cm
Micro ATX	24,4 cm	24,4 cm
ITX	21,5 cm	19,1 cm

Acabamento do gabinete



O Gabinete

Acabamento do gabinete



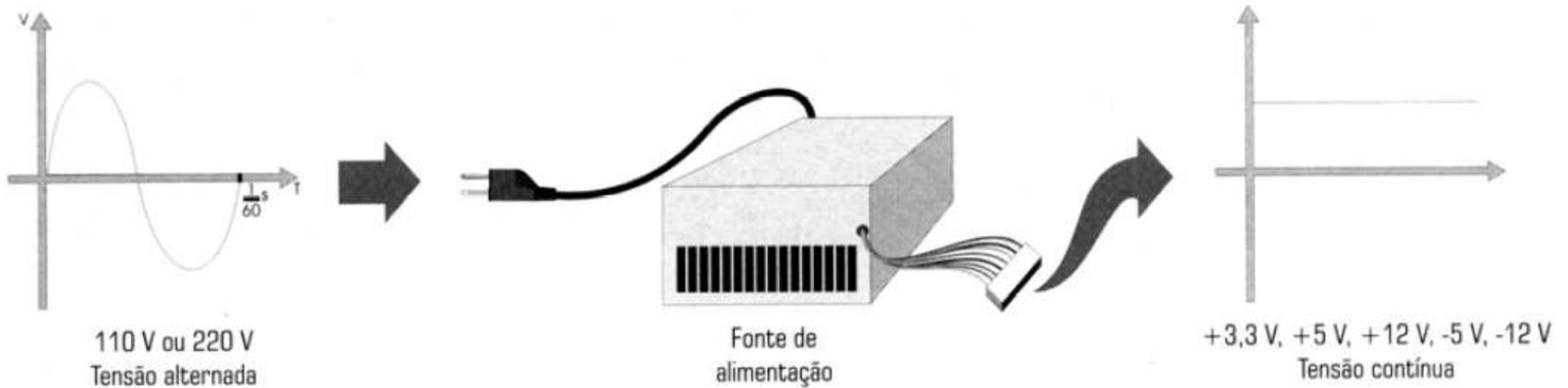
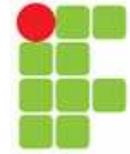
O Gabinete

Fonte de Alimentação



O Gabinete

Fonte de Alimentação



Fonte de Alimentação

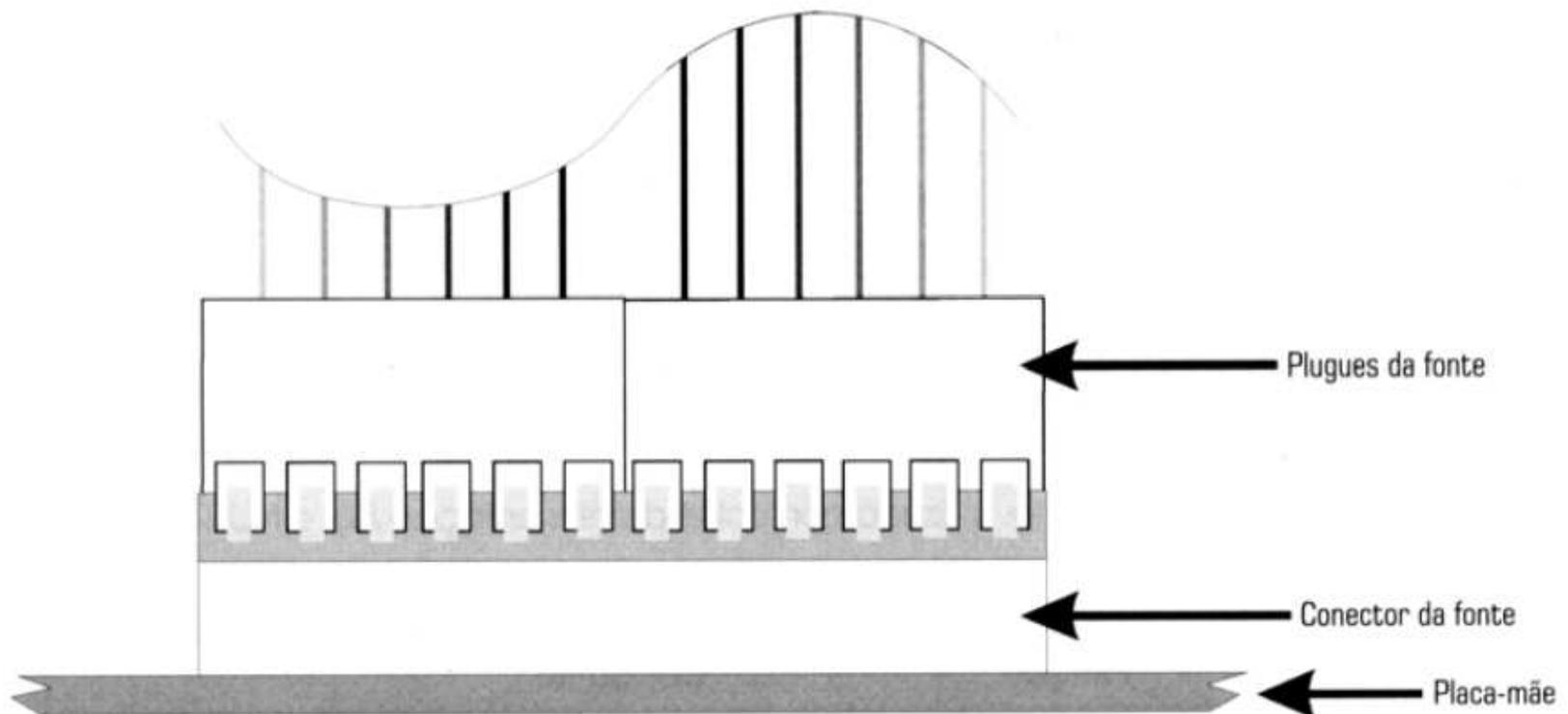


Componente	Marca	Modelo	Potência Calculada
Disco Rígido	Quantum	Fireball SE 3,2 GB	11,89 W
Unidade de disquete 3 1/2"	Samsung	SFD-321D	6 W
Fax Modem	Motorola	Montana	1 W
Placa de vídeo 2D e 3D	Diamond	Viper v330	3,5 W
Zip-drive	lomega	IDE	8,5 W
Gravador CD-R	HP	7200	13,8 W
Placa de som	Creative Labs	Sound Blaster Live!	7,86 W
Placa-mãe	(valor estimado)		25 W
Processador	Intel	Pentium II	50 W
Memória	(valor estimado)		5 W
Micro (total)			132,55 W

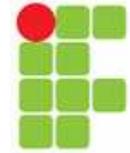
Fonte de Alimentação



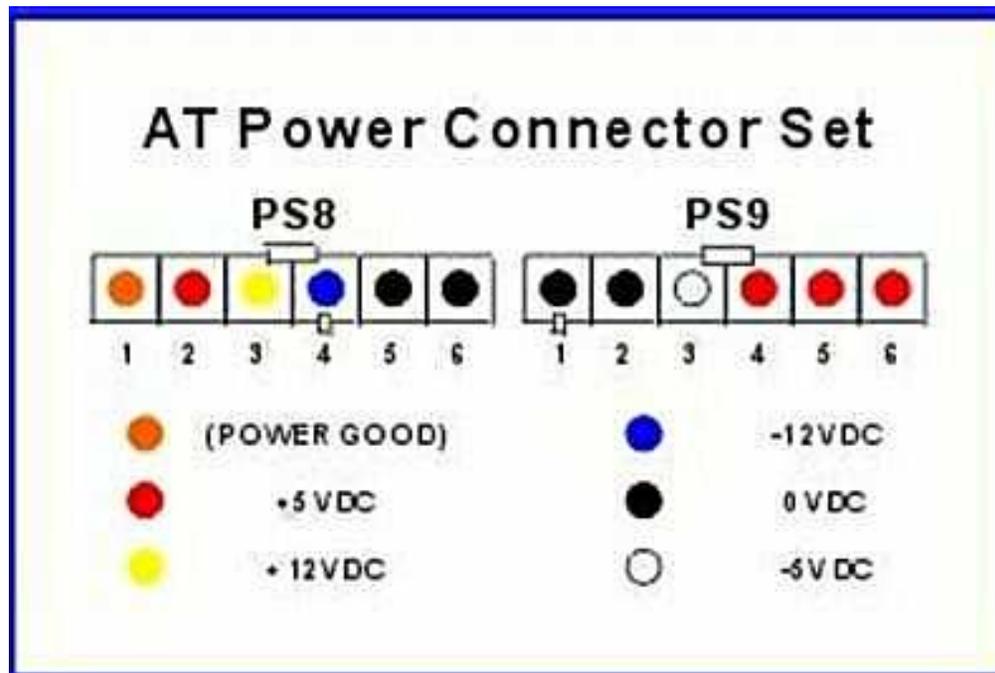
- Pinagem Fonte AT



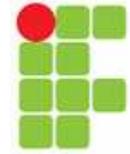
Fonte de Alimentação



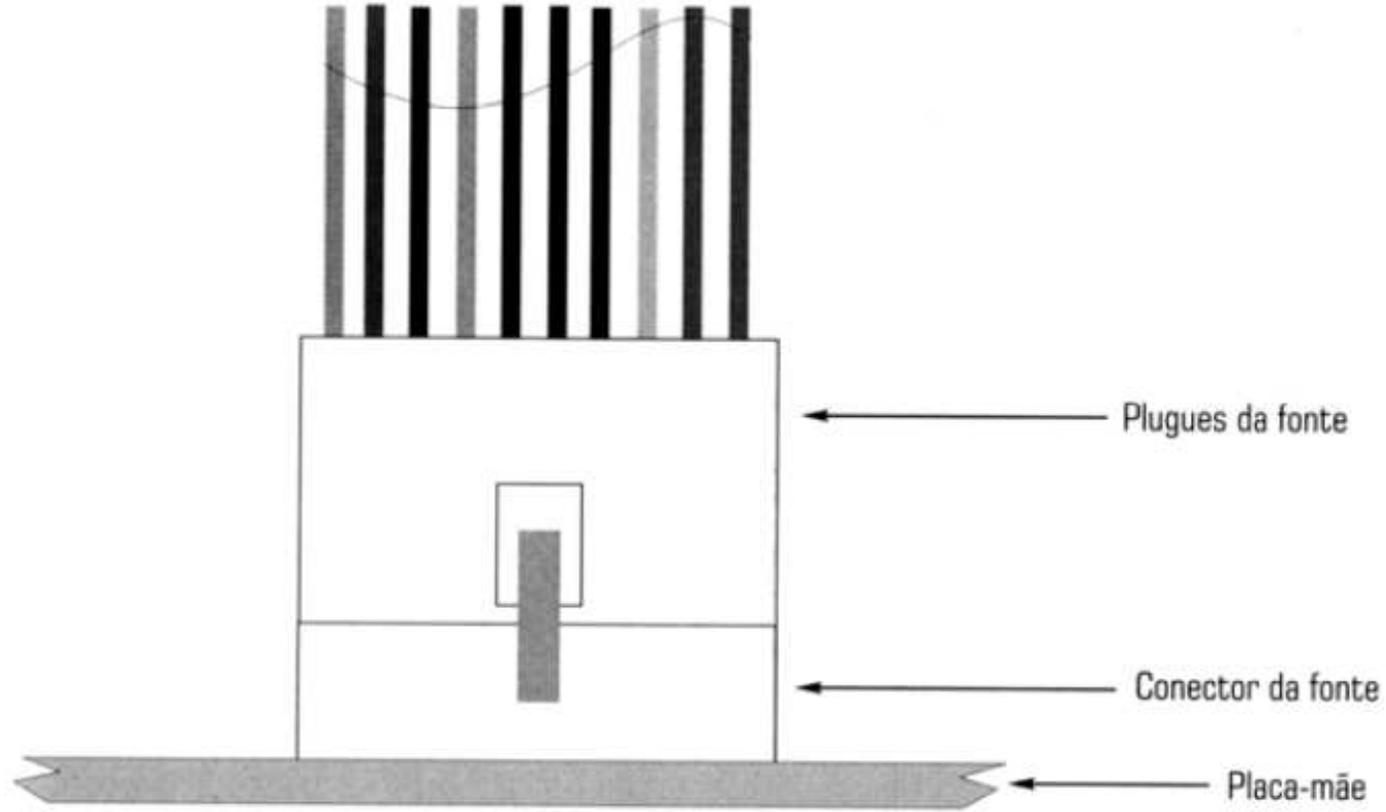
- Pinagem Fonte AT



Fonte de Alimentação

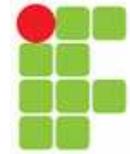


- Pinagem Fonte ATX



O Gabinete

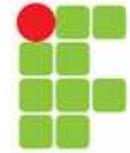
Fonte de Alimentação



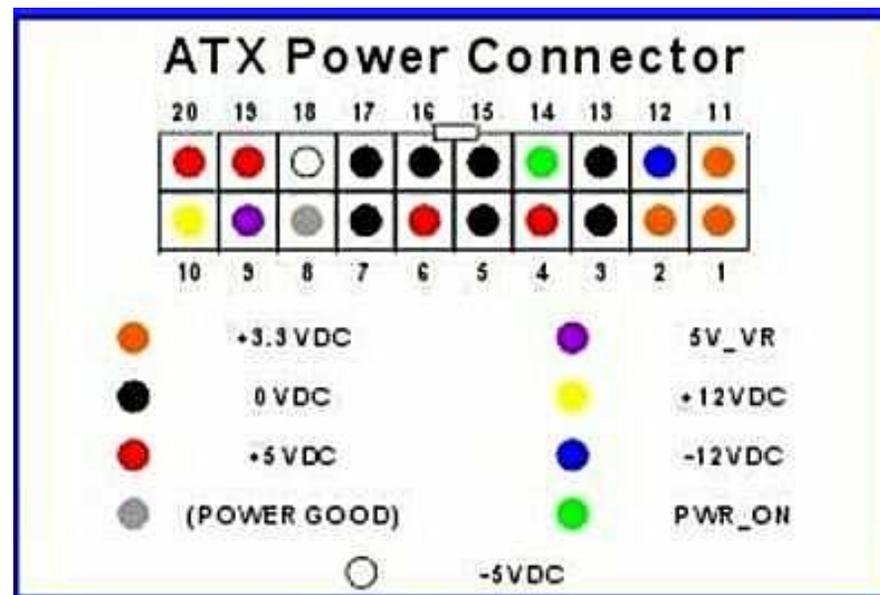
■ Pinagem Fonte ATX

Pino	Função	Cor do fio
1	3,3 V	Laranja
2	3,3 V	Laranja
3	Terra	Preto
4	5 V	Vermelho
5	Terra	Preto
6	5 V	Vermelho
7	Terra	Preto
8	Power Good	Cinza
9	5VSB	Roxo
10	12V	Amarelo
11	3,3 V	Laranja
12	-12V	Azul
13	Terra	Preto
14	Power On	Verde
15	Terra	Preto
16	Terra	Preto
17	Terra	Preto
18	-5 V	Branco
19	5 V	Vermelho
20	5 V	Vermelho

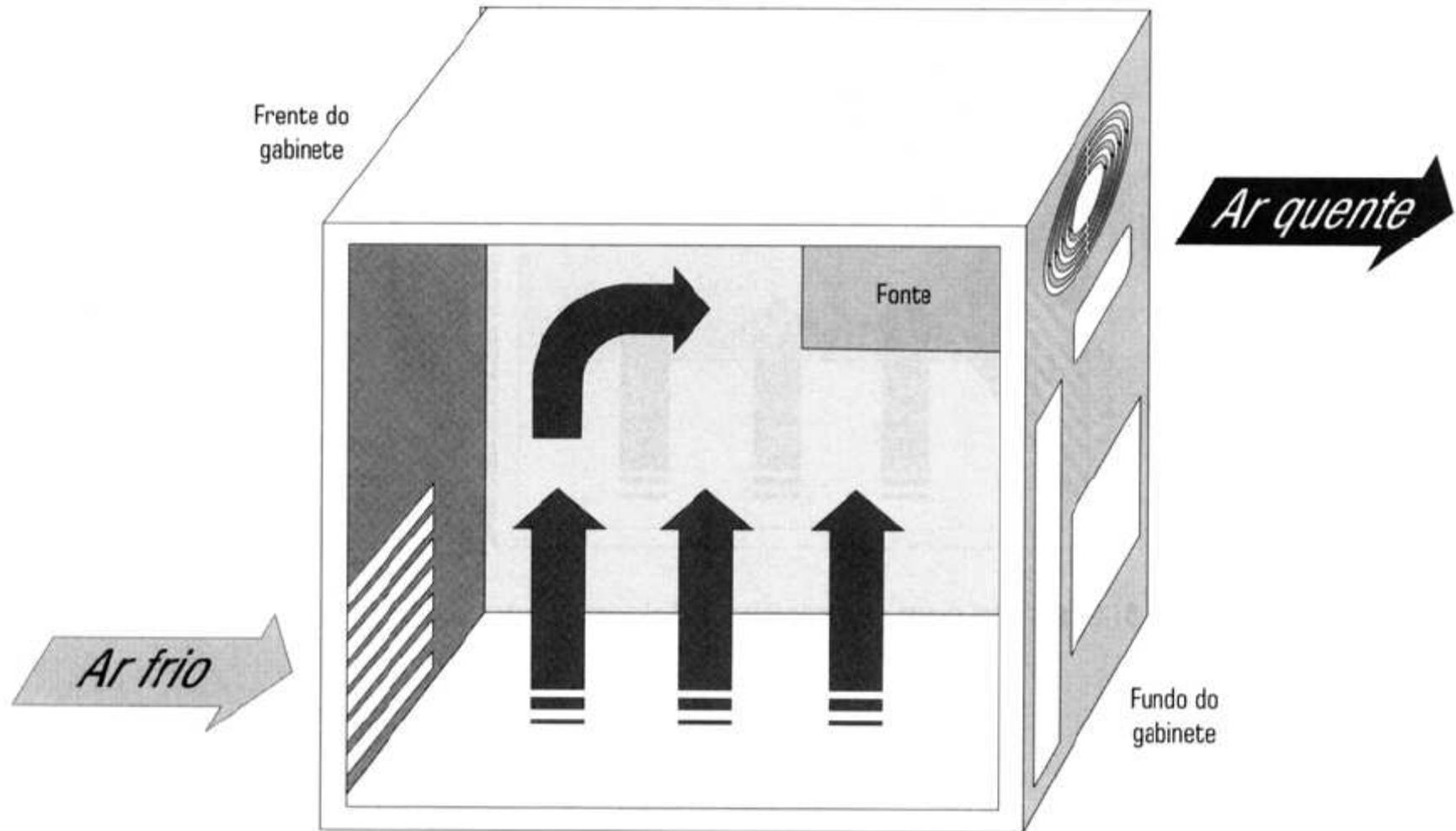
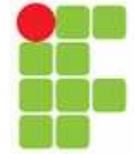
Fonte de Alimentação



■ Pinagem Fonte ATX

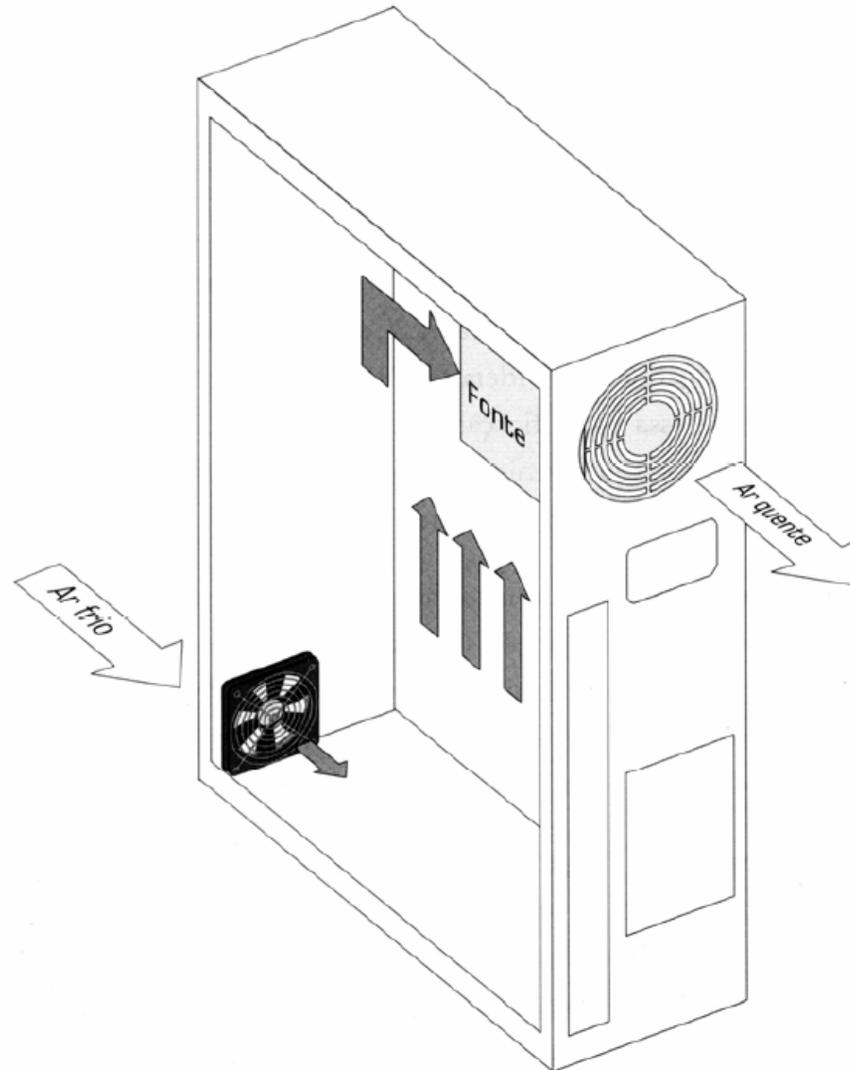
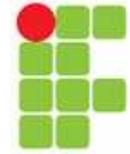


Ventilação no gabinete



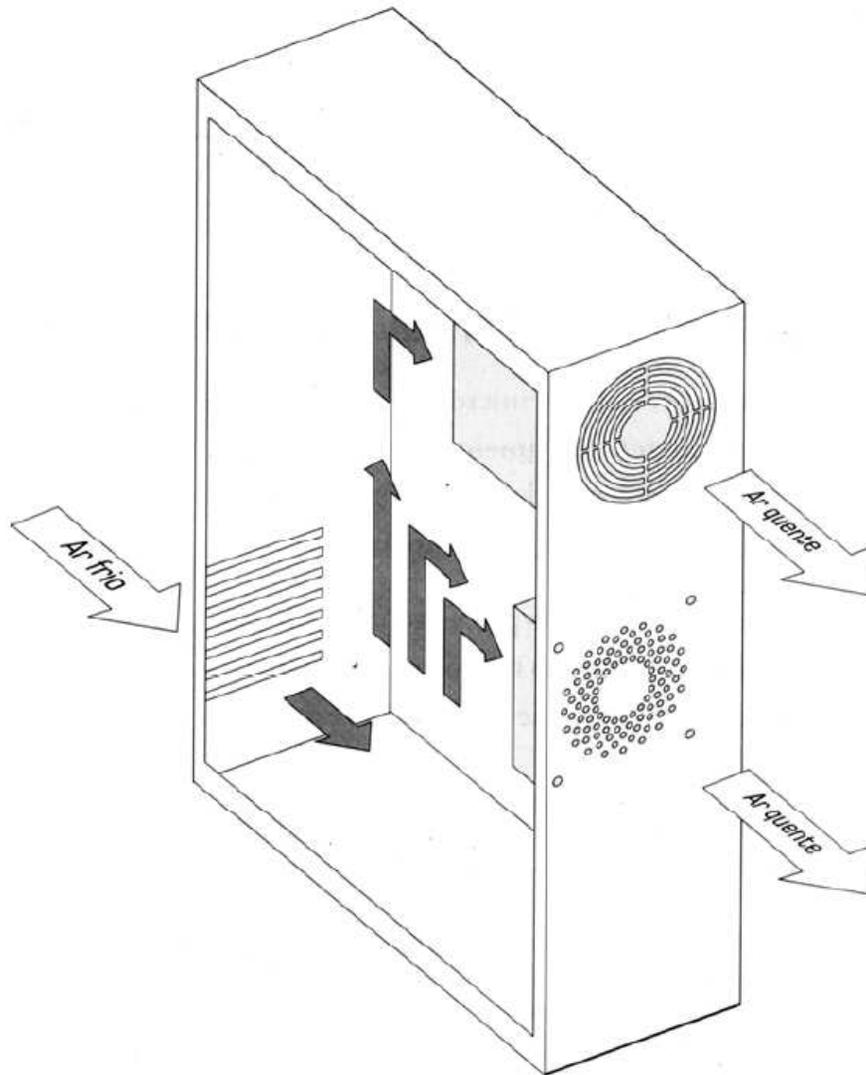
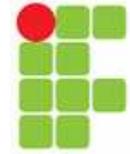
O Gabinete

Ventilação no gabinete



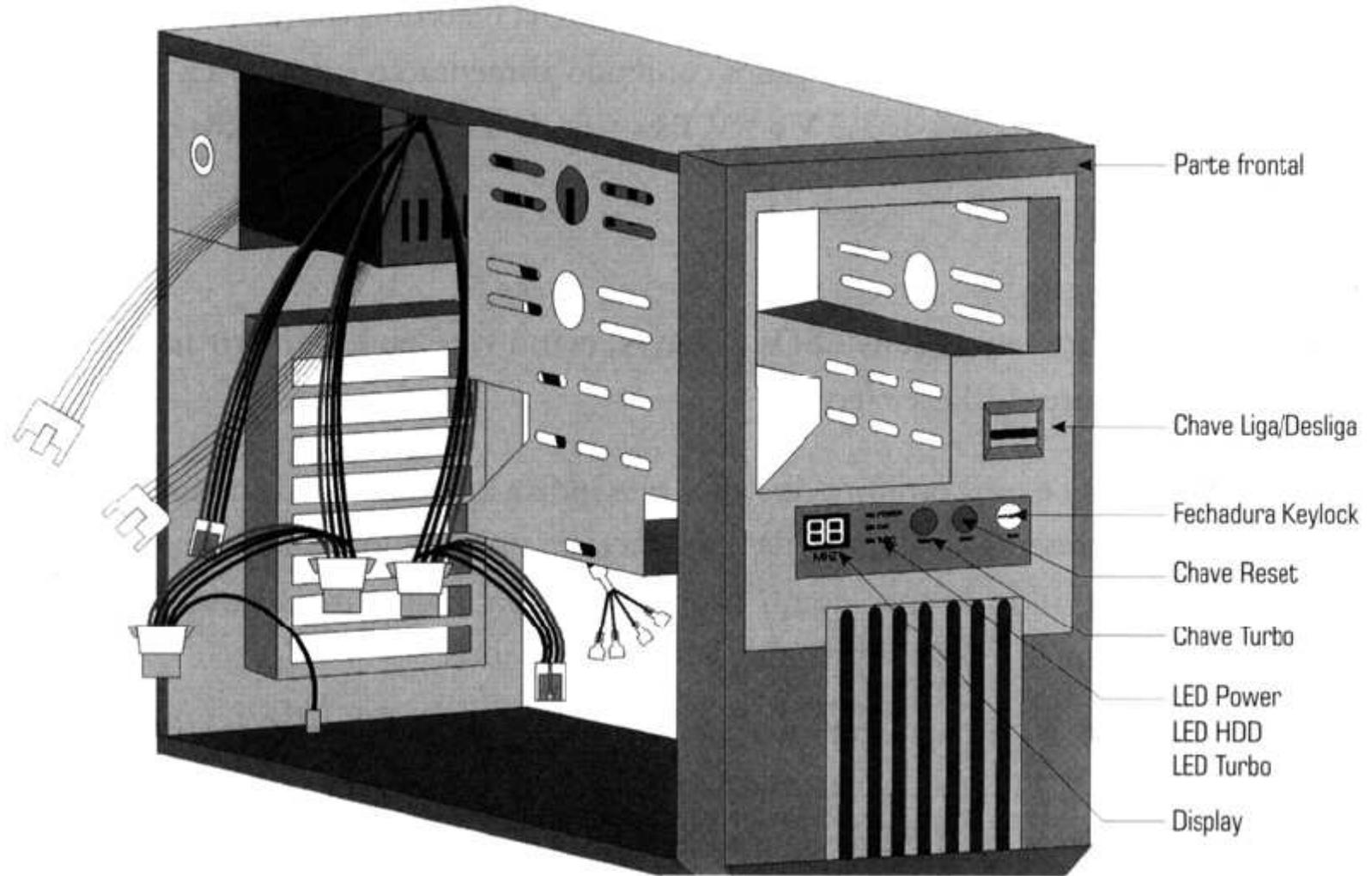
O Gabinete

Ventilação no gabinete



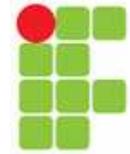
- A temperatura máxima admissível no gabinete é de 45°C

LEDs e Chaves



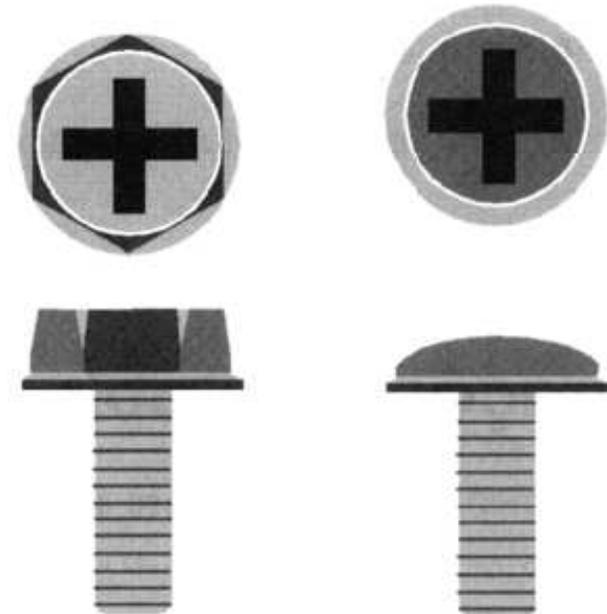
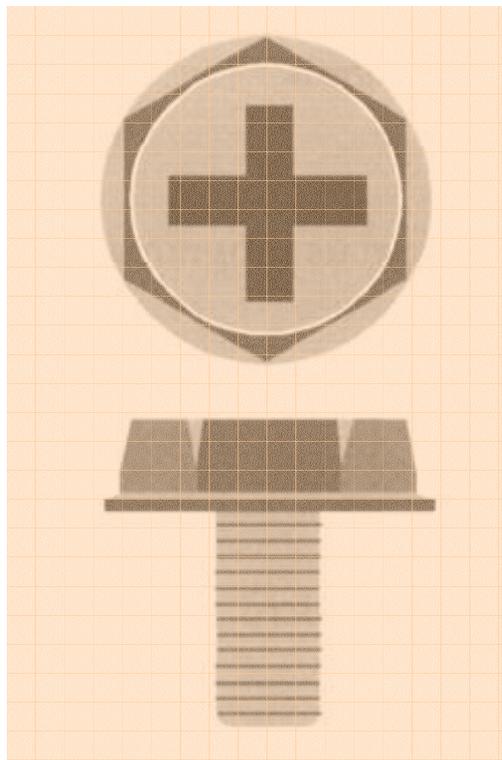
O Gabinete

Parafusos

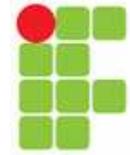


- Phillips cabeça sextavada – rosca grossa

- Fixação de partes metálicas
- Discos rígidos
- Unidades de disquete de 5 ¼"

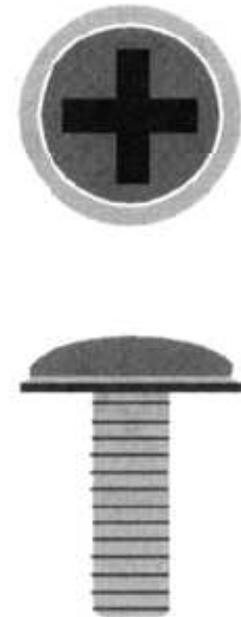
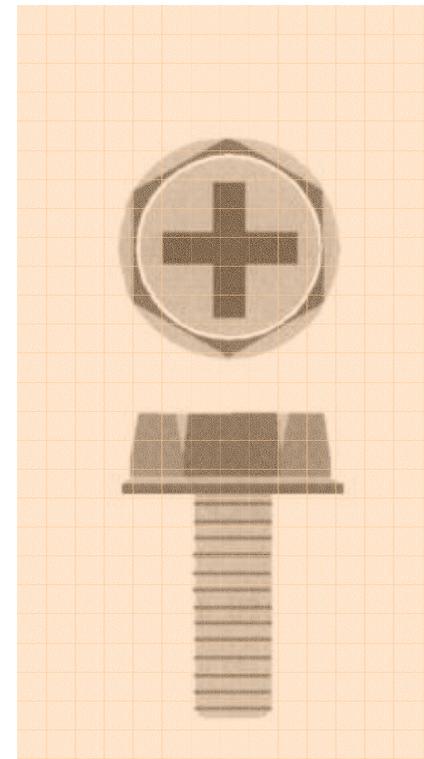


Parafusos



■ Phillips cabeça sextavada – rosca fina

- Fixação de interfaces periféricas ao gabinete
- Unidades de CD-ROM
- Unidades de disquete de 3 1/2"

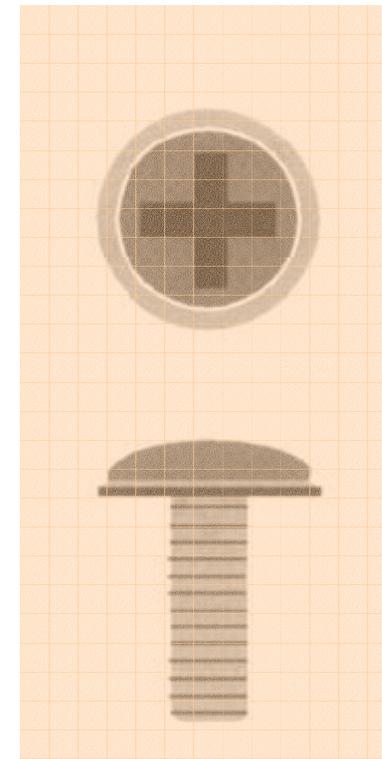


Parafusos



- Phillips cabeça redonda – rosca fina

- Fixação da placa-mãe no gabinete



Preparação do gabinete



- Abrir o gabinete
- Instalar os pés do gabinete
- Remover o chassi metálico
- Em gabinetes AT, instalar a chave liga/desliga
- Em gabinetes ATX, instalar o acabamento metálico
- Configurar e instalar o display, caso exista

Preparação do gabinete

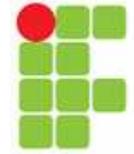


- Abrir o gabinete



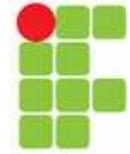
O Gabinete

Preparação do gabinete

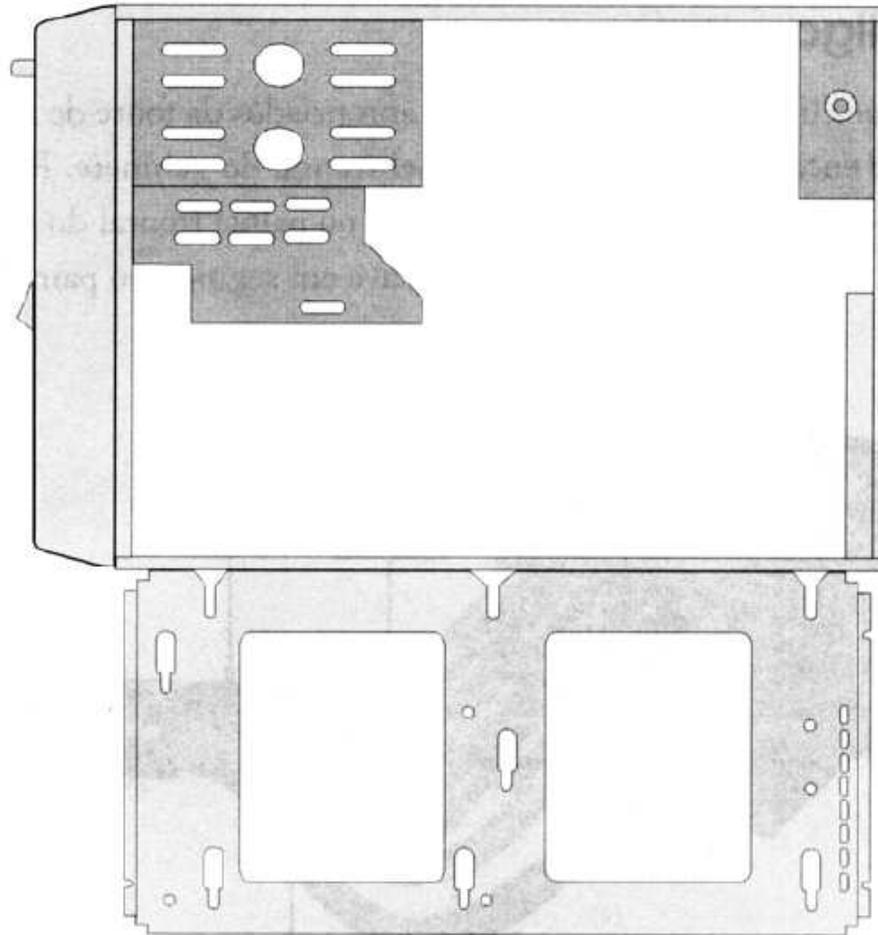


- Instalar os pés do gabinete

Preparação do gabinete

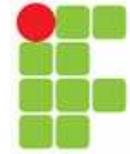


- Remover o chassi metálico



O Gabinete

Preparação do gabinete

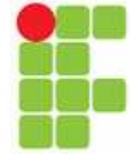


- Instalar a chave liga/desliga

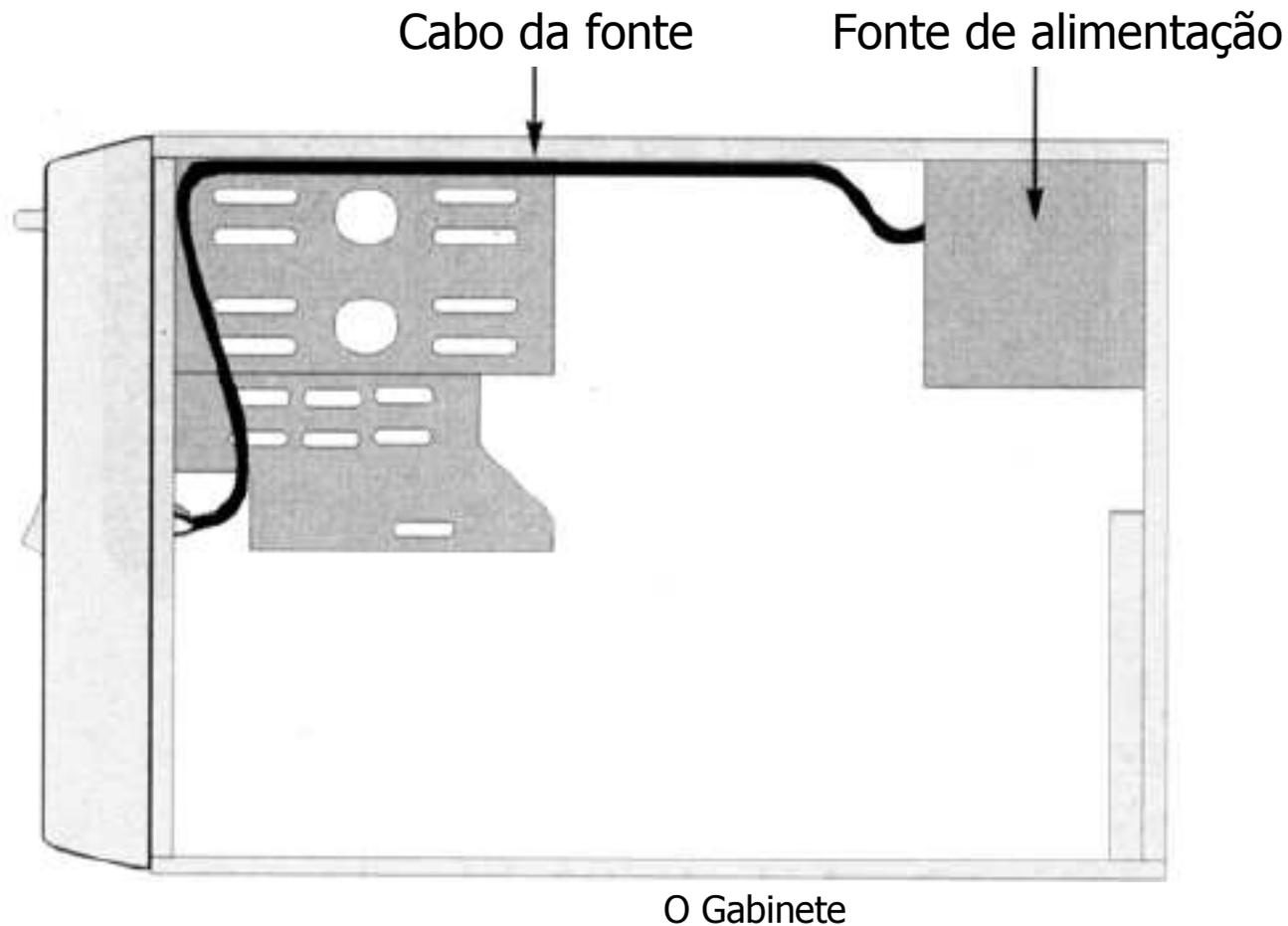


O Gabinete

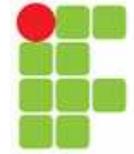
Preparação do gabinete



- Instalar a chave liga/desliga



Preparação do gabinete



- Instalar o acabamento metálico



O Gabinete

Tipos de gabinete

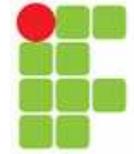


- Full Tower



O Gabinete

Tipos de gabinete



- Mid Tower



O Gabinete

Tipos de gabinete



- Micro ATX



O Gabinete

Tipos de gabinete



- Desk-top



Tipos de gabinete

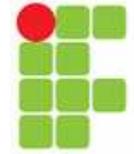


- LCS (Liquid Cooling System)



O Gabinete

Tipos de gabinete



- Open Air



O Gabinete

Perguntas?

