

**A COMISSÃO PERMANENTE DE LICITAÇÃO DA PREFEITURA MUNICIPAL DE CARIRÉ**  
**Pregão Eletrônico nº 002/2023/SME-PE**

Razão Social JAB COM E DISTRIBUIÇÃO DE ELETRO E ELETRÔNICO LTDA

CNPJ 16.571.889/0001-05

Endereço Av. Antonio Sales, 645A - Joaquim Távora - CEP 60135-100 - Fortaleza/CE

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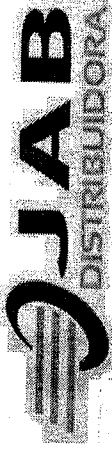
Banco 001 - agencia 1369-2 Conta corrente Nº 66458-8

OBJETO: CONTRATAÇÃO DE EMPRESA PARA FORNECIMENTO DE COMPUTADORES PARA EXECUTAR O PROGRAMA PACTO PELA APRENDIZAGEM DE INTERESSE DA SECRETARIA DE EDUCAÇÃO DO MUNICÍPIO DE CARIRÉ-CE

ITEM	DESCRIÇÃO DO PRODUTO	UND.	QUANT.	MARCA	V. UNIT R\$	V. TOTAL R\$
1	COMPUTADOR TIPO DESKTOP COM AS CONFIGURAÇÕES MÍNIMAS A SEGUIR: <b>PROCESSADOR 4 NÚCLEOS, 4 THREADS, FREQUÊNCIA BASEADA EM PROCESSADOR 2,5GHZ, FREQUÊNCIA TURBO MAX 3.3GHZ, CACHE 6MB INTEL SMART CACHE, VELOCIDADE DO BARRAMENTO 5 GT/S, TDP 65W, GRÁFICO DO PROCESSADOR HD INTEL 2000, FREQUÊNCIA DA BASE GRÁFICA 850MHZ MEMÓRIA 8 GB</b> TECNOLOGIA SDRAM - NON-ECC/ DUAL CHANNEL MEMORY ARCHITECTURE, UNBUFFERED; <b>HD SSD 480GB</b> / INTERFACE SATA 3GB/S / 7200 RPM, PLACA MÃE COM CHIPSET INTEL Q77 EXPRESS, 10 ENTRADAS USB/ 1 VGA, 1 DISPLAYPORT/ 1 ENTRADA DE REDE/ 1 PS/2 TECLADO, 1 PS/2 MOUSE/ 2 ENTRADAS DE ÁUDIO/ 2 ENTRADAS DE MICROFONE/ DYNAMIC VIDEO MEMORY TECHNOLOGY/GRAPHICS PROCESSOR INTEL HD GRAPHICS 2500, TECNOLOGIA INTEL VPRO, TRUSTED PLATFORM MODULE (TPM 1.2). <b>GABINETE DESKTOP ULTRA-SLIM</b> : CHASSI (A X L X P) 6,6 X 25,1 X 25,4 CM (2,60 X 9,90 X 10,00 POL.). PESO APROXIMADO 3,1 KG (6,8 LB), PESO SUPORTADO 35 KG (77 LB), BAIAS PARA UNIDADES: EXTERNA: (1) COMPARTIMENTO FINO, (1) COMPARTIMENTO DO LEITOR SECURE DIGITAL (SD), INTERNA: (1) 6,35 CM (2,5 POL.) SLOTS DE EXPANSÃO 1) MINI PCI EXPRESS, (1) MXM, (1) MSATA   TEMPERATURA OPERACIONAL 10-90%, INOPERANTE (38,7Ø C (101, 66Ø F) DE BULBO ÚMIDO MÁXIMO) 5-95%   FONTE DE ALIMENTAÇÃO TENSÃO OPERACIONAL - 90 - 264 V AC   FAIXA DE TENSÃO NOMINAL - 100 - 240 V AC   FREQUÊNCIA DE LINHA NOMINAL 50-60HZ   FREQUÊNCIA DE LINHA DE OPERAÇÃO 47-63HZ. SLOT PARA TRAVA DE SEGURANÇA TIPO KENSINGTON SECURITY SLOT, <b>MONITOR LED 19"</b> FABRICANTE: HP COMPAQ, MODELO DESKTOP ULTRA SLIM. PROCEDÊNCIA NACIONAL	Und	34	HP Compaq Desktop Ultra-Slim	3.368,00	114.512,00
três mil, trezentos e sessenta e oito reais						
cento e quatorze mil, quinhentos e doze reais						
Valor Global da Proposta R\$					114.512,00	
cento e quatorze mil, quinhentos e doze reais						



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Validade da Proposta: 60 (sessenta) dias.

Garantia dos produtos: Conforme edital.

O licitante declara que, nos valores apresentados acima, estão incluídos todos os tributos, encargos trabalhistas, previdenciários, fiscais e comerciais, taxas, fretes, seguros, deslocamentos de pessoal, custos, demais despesas que possam incidir sobre o fornecimento licitado, inclusive a margem de lucro.

Declaramos que os produtos ofertados, dispõem de garantia contra qualquer defeito de fabricação ou de embalagem, sob pena de constatado alguma imperfeição, os mesmos serem devolvidos e a empresa submetida às penalidades da Lei 8.666/93 e alterações posteriores.

Fortaleza, 06 de março de 2023

PAULO CESAR DE  
ALMEIDA  
BATISTA:00148588352  
352

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Paulo Cesar de Almeida Batista

Sócio-gerente

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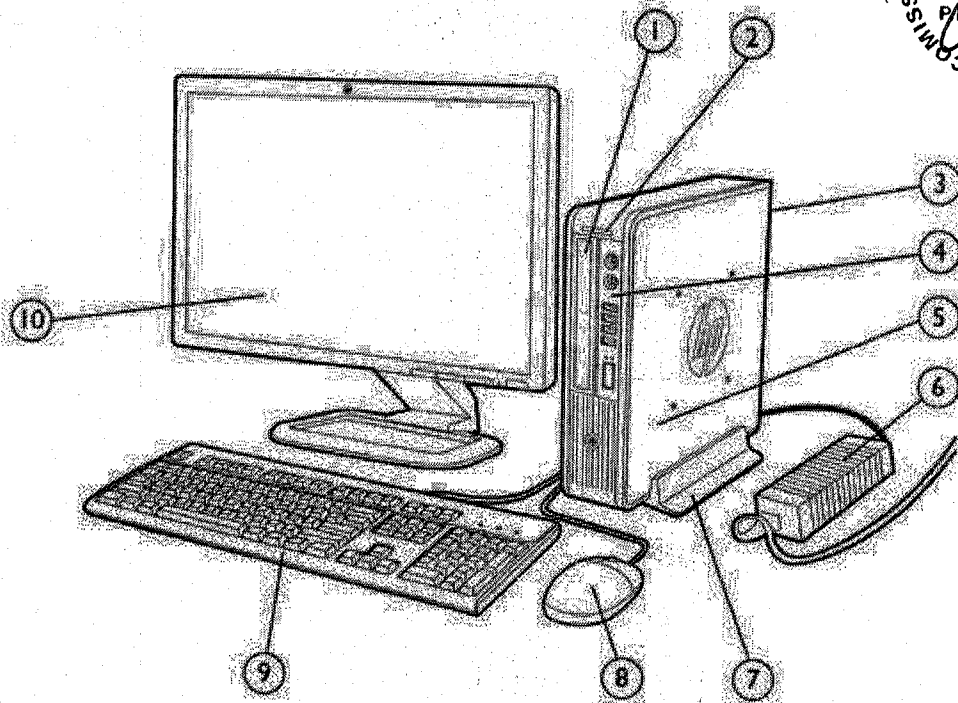
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### Overview

### HP COMPAQ ELITE 8300 ULTRA-SLIM BUSINESS PC



- 1 Optical Disc Drive (optional)
- 2 Secure Digital (SD) Card Reader (optional)
- 3 Rear I/O includes (4) USB 3.0 ports, (2) USB 2.0 ports, (2) DisplayPort and (1) VGA video interfaces, PS/2 mouse and keyboard ports, RJ-45 network interface, 3.5mm audio in/out jacks
- 4 Front I/O includes (4) USB 2.0 ports, a headphone output and a microphone jack
- 5 2.5-inch internal data drive bay
- 6 135W 87% efficient external Power Adapter or 180W 87% efficient external Power Adapter (when configured with discrete graphics)
- 7 HP USDT Tower Stand (optional)
- 8 HP Mouse
- 9 HP Keyboard
- 10 HP Monitor (sold separately)

# QuickSpecs

HP Compaq Elite 8300 Business PC

## Technical Specifications – Weights & Dimensions



### Weights & Dimensions

(configured with 1 HDD & 1 ODD)

USDT

MT

CMT

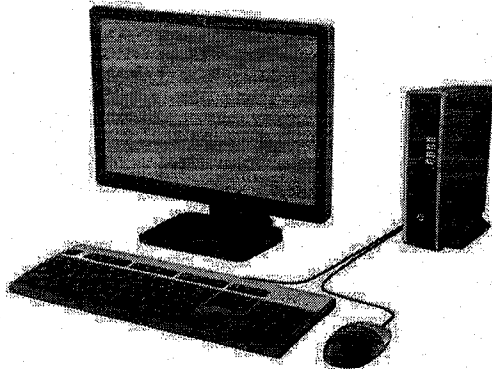
	USDT	MT	CMT
<b>Chassis (H x W x D)</b>	2.6 x 9.9 x 10 in 66 x 252 x 254 mm	4.0 x 13.3 x 14.9 in 100 x 338 x 379 mm	14.9 x 7.0 x 17.0 in 377 x 177 x 431 mm
<b>System Volume</b>	257.5 cu in 4.2 L	790.3 cu in 12.8 L	782.77 cu in 28.8 L
<b>System Weight*</b>	6.8 lb 3.1 kg	16.7 lb 7.6 kg	20.5 lb 9.3 kg
<b>Max Supported Weight (desktop orientation)</b>	77.0 lb 35.0 kg	77.0 lb 35.0 kg	N/A
<b>Tower Stand (H x W x D)</b>	1.1 x 4.9 x 6.7 in 27 x 125 x 170 mm	1.1 x 7.0 x 7.9 in 29 x 178 x 200 mm	N/A
<b>Packaging (H x W x D)</b>	8.6 x 15.7 x 19.7 in 218 x 398 x 500 mm	9.0 x 19.7 x 23.4 in 229 x 500 x 594 mm	11.6 x 19.7 x 23.2 in 295 x 500 x 590 mm
<b>Shipping Weight*</b>	14.4 lb 6.5 kg	17.9 lb 8.1 kg	28.8 lb 13.1 kg
<b>Palletization Profile</b>	6-units per layer 10-layer max. 60-units per pallet	4-units per layer 10-layer max. 40-units per pallet	4-units per layer 8-layer max. 32-units per pallet
			2160 cu in 35.5 L 24.5 lb 11.2 kg 77.0 lb 35.0 kg N/A 24.25 x 12.3 x 22.1 in 616 x 313 x 562 mm 34.0 lb 15.4 kg 6-units per layer 4-layer max. 24-units per pallet



# HP Compaq 8300 Elite Business PC Ultra Slim Desktop



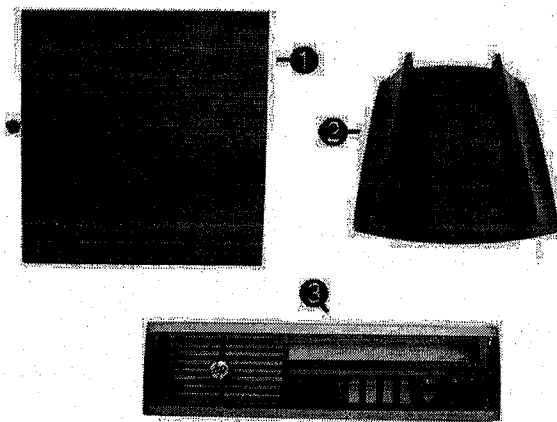
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## Key Specifications

Processor Type	Intel® Core i7, i5, i3, Pentium®
RAM Type	Non-ECC DDR3 PC3-12800 (1600 MHz) SODIMM
RAM	8 GB
Expansion Slots (Low profile)	<ul style="list-style-type: none"> <li>• mini-PCI express</li> <li>• MXM</li> <li>• mSATA</li> </ul>
Chipset	Intel Q77 Express
Graphics Adapter	Integrated Intel HD graphics
Bays	<ul style="list-style-type: none"> <li>• (1) optical drive</li> <li>• (1) internal 2.5-inch hard drive</li> <li>• (1) Secure Digital Card Reader</li> </ul>
I/O Interfaces	Front: (4) USB 2.0 ports, headphone jack, microphone jack Rear: (4) USB 3.0 ports, (2) USB 2.0 ports, (2) DisplayPort 1.1a, VGA video, PS/2 mouse and keyboard, RJ-45 network interface, 3.5mm audio in/out jacks
Preinstalled Operating Systems	<ul style="list-style-type: none"> <li>• Windows®</li> <li>• FreeLinx</li> </ul>

## Spare Parts



### System Unit

1	Access panel	689382-001
2	Stand	612496-001
3	Front bezel	689383-001
*	AC adapter, 180W, 90% efficient	682320-001
*	AC adapter, 180W, standard	613766-001
*	AC adapter, 135W, standard	682321-001
*	Bezel blank	593230-001

\* Not shown



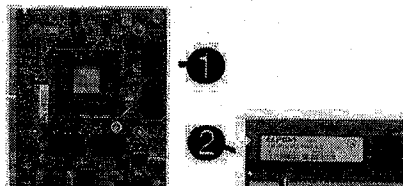
## Cable and accessory

1	Optical drive cable/connector	605163-001
*	Adapter, DisplayPort to VGA	603250-001
*	Adapter, DisplayPort to DVI	484156-001
*	Adapter, DisplayPort to HDMI	617450-001
*	DisplayPort cable	487562-001

\* Not shown

## Keyboards (not illustrated)

PS/2 (standard/Windows)	537745-xx1/701428-xx1		
USB (standard/Windows)	537746-xx1/701424-xx1		
USB, silver/black (Windows)	701429-xx1		
Wireless (standard/Windows)	674314-xx1/701426-xx1		
Washable (standard/Windows)	613125-xx1/700510-xx1		
Smart card (standard/Windows)	631411-xx1/701427-xx1		
USB, hub	631913-xx1		
Arabic	-17x	LA Spanish	-16x
Belgian	-18x	Norwegian	-09x
Brazilian Portuguese	-20x	People's Republic of China	-AAx
Bulgaria	-26x	Portuguese	-13x
Czech	-22x	Romanian	-27x
Danish	-08x	Russian	-25x
Finnish	-35x	Saudi Arabia	-DBx
French	-05x	Slovakian	-23x
French Canadian	-12x	South Korea	-KDx
German	-04x	Spanish	-07x
Greek	-15x	Swedish	-10x
Hebrew	-BBx	Swiss	-11x
Hungarian	-21x	Taiwanese	-ABx
International	-37x	Thai	-28x
International English	-13x	Turkish	-14x
Italian	-06x	U.S.	-00x
Japanese	-29x	U.K.	-03x



## Standard and Optional Boards

### System board (includes replacement thermal material)

*	System board for use in models without Windows	657095-001
*	System board for use in models with Windows Standard	657095-501
*	System board for use in models with Windows Professional	657095-601
*	System board with DisplayPort 1.2 support for use in models without Windows	711787-001
*	System board with DisplayPort 1.2 support for use in models with Windows	711787-501
*	System board with DisplayPort 1.2 support for use in models with Windows Professional	711787-601

### Optional boards

1	AMD Radeon HD 7650A (MXM)	687445-001
*	Intel Centrino Advanced-N 6205 (802.11a/b/g/n Wi-Fi wireless adapter)	652165-001

### Memory modules (PC3-12800, CL11)

*	8 GB	689374-001
*	4 GB	689373-001
2	2 GB	689372-001

### Intel Core i7 processors (include thermal material)

*	3.1 GHz, 8-MB L3 cache	689370-001
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### Intel Core i5 processors (include thermal material)

*	3.1 GHz, 6-MB L3 cache	695079-001
*	2.9 GHz, 6-MB L3 cache	695078-001
*	2.9 GHz, 6-MB L3 cache	695077-001

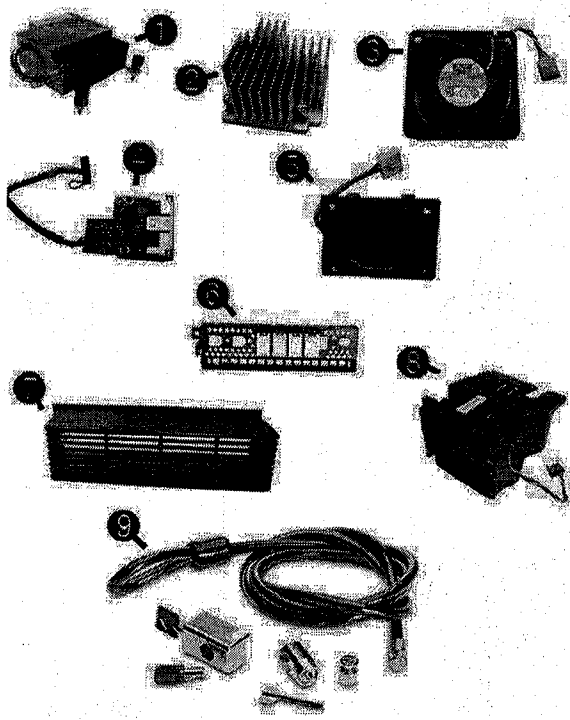
### Intel Core i3 processors (include thermal material)

*	3.4 GHz, 3-MB L3 cache	665120-001
*	3.3 GHz, 3-MB L3 cache	638629-001

### Intel Pentium processors (include thermal material)

*	3.1 GHz, 3-MB L3 cache	691936-001
*	3.0 GHz, 3-MB L3 cache	665123-001
*	2.8 GHz, 3-MB L3 cache	691935-001

\* Not shown



**Miscellaneous Parts**

1	Heat sink for use with the processor (includes thermal material)	587456-001
2	Heat sink for use on models with UMA graphics (includes thermal material)	625256-001
*	Heat sink for use on models with discrete graphics cards (includes thermal material)	689369-001
3	Chassis fan, rear	691352-001
4	Card reader assembly	592685-001
5	Internal speaker - 20mm x 28mm	689384-001
6	Front I/O panel	587458-001
7	Rear port cover	646818-001
8	Chassis fan, front	689376-001
9	Clamp lock, includes universal cable (plate not included)	508987-001
*	Optical drive rail (green plastic piece on drive)	594219-001
*	Hood sensor	638816-001
*	Grommet, hard drive	594220-001
*	WLAN antenna hardware kit	646811-001
*	USB powered speakers	636917-001
*	Mouse, PS2, optical, jack black	537748-001
*	Mouse, USB, HP Elite	674318-001
*	Mouse, washable	619580-001
*	Mouse, wireless, HP Elite	674317-001
*	Mouse, USB, optical, jack black	537749-001
*	HP Business Digital Headset	642738-001
*	External USB Webcam	609252-001

\*Not shown

**Mass Storage Devices (not illustrated)**

DVD-ROM drive, slim-line
DVD+RW and CD-RW Super Multi Double-Layer Combo Drive (slim-line). This kit also includes the drive bracket.
1 TB, 7200 rpm, SATA hard drive
2 TB, 7200 rpm, SATA hard drive
500 GB, 7200 rpm, 2.5 inch, SATA hard drive
320 GB, 7200 rpm, 2.5 inch, SATA hard drive
480 GB Solid State Drive (SSD), SATA 6.0
180 GB Solid State Drive (SSD), SATA 6.0
160 GB Solid State Drive (SSD), SATA 3.0
128 GB Solid State Drive (SSD), 2.5-inch, SATA 2.0
120 GB Solid State Drive (SSD), 2.5-inch, SATA 2.0

**Common POST Error Messages**

Screen Message	Probable Cause	Recommended Action
101-Option ROM Error	1. System ROM checksum error. 2. Expansion board option ROM checksum	1. Verify ROM, reflash if required 2. Remove suspected card, reboot 3. Clear CMOS memory, reboot 4. Replace system board
103-System Board Failure	DMA, timers	1. Clear CMOS memory. 2. Remove expansion boards. 3. Replace system board.
164-Memory Size Error and 201-Memory Error	Incorrect memory configuration	1. Run Setup (F10). 2. Check DIMMs for proper seating, type, and HP compatibility. 3. Remove DIMMs singularly and reboot to isolate faulty DIMM. 4. Replace system board.
214-DIMM Configuration Warning	Populated DIMM configuration is not optimized	Rearrange the DIMMs so that each channel has the same amount of memory.
301-, 304-Keyboard error	Keyboard failure.	Check keyboard connection or keys. Check connector for bent or missing pins. Replace keyboard. If 304, possible system board problem.
501-Display Adapter Failure	Graphics display controller.	1. Reseat graphics card. 2. Clear CMOS. 3. Check monitor connection. 4. Replace graphics card.
1720-SMART Hard Drive Detects Imminent Failure	Hard drive is about to fail.	1. Determine if hard drive is giving correct error message. Enter Computer Setup and run the Drive Protection System test under Storage > DPS Self-test. 2. Apply hard drive firmware patch if applicable. 3. Back up contents and replace hard drive.

**Password Security**

**Establishing a Setup or Power-On password:**

- Turn on or restart the computer.
- As soon as the computer turns on, press the Esc key while "Press the ESC key for Startup Menu" message is displayed at the bottom of the screen.
- Press the F10 key to enter Computer Setup.
- To establish Setup password, select Security > Setup Password and follow the instructions.  
- or -  
To establish a Power-On password, select Security > Power-On Password and follow the instructions on the screen.
- Before exiting, click File > Save Changes and Exit.

**Changing a Setup or Power-On password:**

- Turn on or restart the computer.  
To change the Setup password, go to step 2.  
To change the Power-on password, go to step 3.
- To change the Setup password, as soon as the computer turns on:  
- Press the Esc key while "Press the ESC key for Startup Menu" message is displayed.  
- Press the F10 key to enter Computer Setup.
- When the key icon appears, type your current password, a slash (/) or alternate delimiter character, your new password, another slash (/) or alternate delimiter character, and your new password again as shown:  
*current password/new password/new password.*  
NOTE: Type the new password carefully since the characters do not appear on the screen.
- Press Enter.

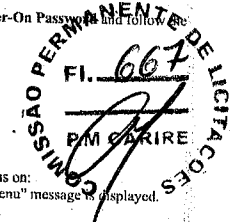
The new password will take effect the next time the computer is restarted.

**Deleting a Power-On or Setup password**

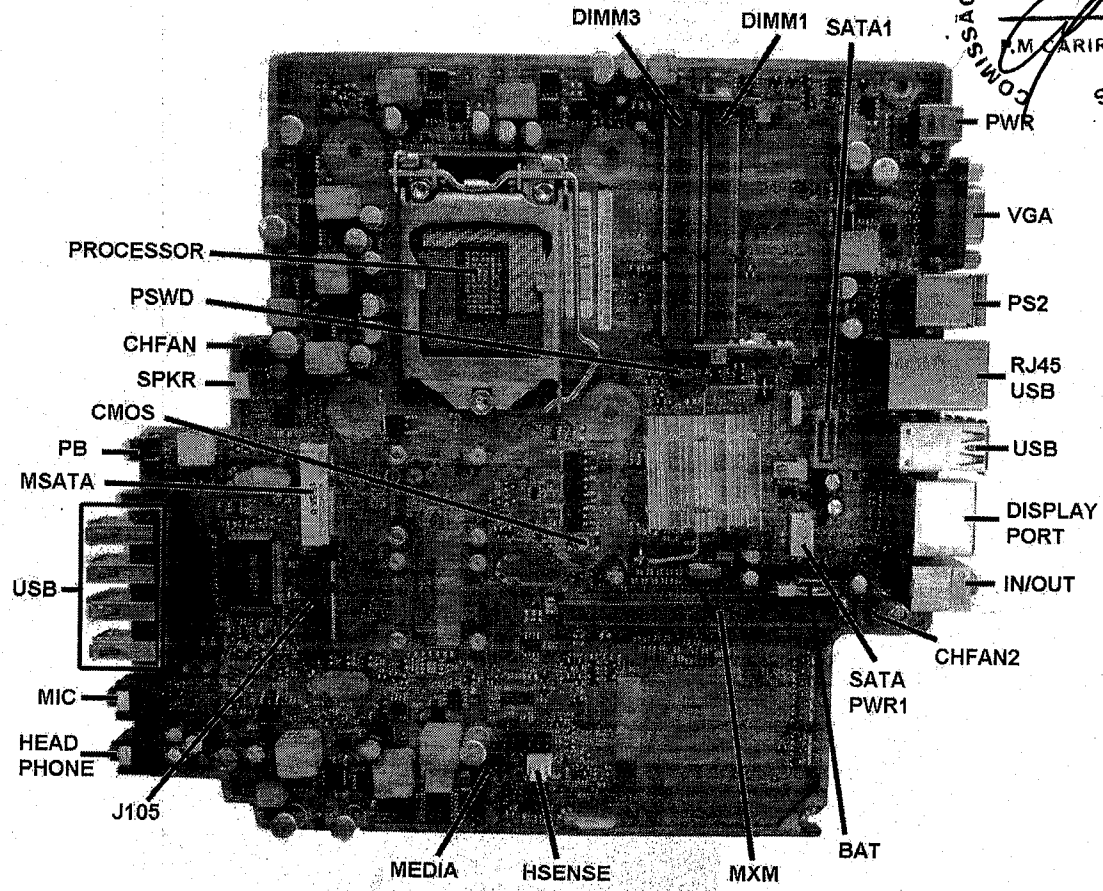
- Turn on or restart the computer.  
To delete the Setup password, go to step 2.  
To delete the Power-On password, go to step 3.
- To change the Setup password, as soon as the computer turns on:  
- Press the Esc key while "Press the ESC key for Startup Menu" message is displayed.  
- Press the F10 key to enter Computer Setup.
- When the key icon appears, type your current password followed by a slash (/) or alternate delimiter character as shown. Example: *currentpassword/*
- Press Enter.

**Clearing CMOS**

- Turn off the computer and disconnect the power cord from the power outlet.
- Remove the access panel.
- On the system board, press and hold the CMOS button for 5 seconds.
- Replace the chassis access panel and reconnect the power cord.
- Turn on the computer and allow it to start.



System Board



System Board Connectors and Jumpers (component location may vary)

DIMM3	SODIMM 3	MEDIA	Media-reader connector
DIMM1	SODIMM 1	CMOS	CMOS button
SATA1	1st optical drive	HEADPHONE	Headphone connector
PWR	DC power connector	MIC	Microphone connector
VGA	Video connector	USB	USB connectors (4)
PS2	PS/2 mouse/kybd connectors	J105	Mini card connector
RJ45/USB	Ntwrk connector/USB ports	MSATA	SSD drive connector
DISPLAYPORT	DisplayPort connector	PB	Power button
IN/OUT	Headphone/microphone	CMOS	CMOS reset button
CHFN2	Fan connector	SPKR	Speaker connector
SATAPWR1	SATA power header	CHFAN	Front fan connector
BAT	RTC battery socket	PSWD	Password header
MXM	Graphics card connector	PROCESSOR	Processor socket
HSENSE	Hood sensor connector		