

# CERTIFICADO DE CONFORMIDADE

## CERTIFICATE OF CONFORMITY

Certificado No. / Certificate No. **UL-BR 17.0737**

Página / Page **1/8**

**Certificado de conformidade válido somente acompanhado das páginas de 1 até 8**  
*Certificate of conformity valid with pages from 1 to 8*

Fornecedor / Supplier **DELL COMPUTADORES DO BRASIL LTDA**  
(100120-728) Av. Emancipação, 5000  
13184-654 – Hortolândia – SP – Brasil  
CNPJ: 72.381.189/0006-25

Produto Certificado / Certified Product **COMPUTADOR DE MESA / DESKTOP COMPUTER**

Família de Produto / Product's Family **N/A**

Modelo - Tipo / Model - Type **Modelo(s)/Model(s): D11S**

Tipo(s)/Type(s): D11S...

(The dots "." in model name can be 0 to 9, A to Z or blank, for marketing purpose only.)

Código de barras / Barcode

Descrição (Nome comercial) / Description (Brand Name) **DELL**

Marca Comercial / Trademark **DELL**

Quantidade Importada / Quantity Imported **N/A**

Unidade de medida / Measurement Unit **N/A**

Lote ou No. de Série / Lot or Serial Number **N/A**

Número e Data da Licença de Importação / Number and Import License Date **N/A**

**Normas Aplicáveis / Applicable standards** IEC 60950-1:2005 (2nd Edition); Am 1:2009; Am 2:2013, CISPR 22: 2008, CISPR 32:2012, Class B / CISPR 32:2015, Class B, CISPR 24: 2010+A1:2015, IEC 61000-3-2:2014, IEC 61000-3-3: **2013**, IEC 61000-4-2: 2008, IEC 61000-4-3:2006+A1: 2007+A2: 2010, IEC 61000-4-4: **2012**, IEC 61000-4-5: 2014, IEC 61000-4-6:2013, IEC 61000-4-8: 2009, IEC 61000-4-11: 2004; e Anexo E da Portaria no. 170/2012

**Programa de Certificação ou Portaria / Certification Program or Decree** PORTARIA NO. 170/2012 / DECREE NO. 170/2012  
PORTARIA NO. 407/2015 / DECREE NO. 407/2015

**Relatório de Avaliação e Ensaios / Assessment and Test Report #** BR2263, Vol. 2, Sec. 91

**Concessão Para / Concession for**

Ostentar o Selo de Identificação da Conformidade do Sistema Brasileiro de Avaliação da Conformidade (SBAC) sobre o(s) produto(s) relacionado(s) neste certificado.

*Bearing the Conformity Identification Seal of the Brazilian System of Evaluation of Conformity (SBAC) on the product covered by this certificate.*

**Emissão / Date of issue** 07 de agosto de 2017 / August 7, 2017

**Revisão / Revision date** 02 de maio de 2018 / May 02, 2018

**Validade / Expire date** 06 de agosto de 2020 / August 6, 2020

**Emerson Luiz Baroni**  
Gerente de Certificações /  
Certification Manager

**UL do Brasil Certificações, organismo acreditado pela Coordenação Geral de Acreditação do INMETRO – CGCRE, segundo o registro Nº OCP-0029 confirma que o produto está em conformidade com a(s) Norma(s) e programas ou Portarias acima descritas.**

*UL do Brasil Certificações, Certification Body accredited by Coordenação Geral de Acreditação do INMETRO - CGCRE according to the register Nr OCP-0029 confirms that the product is in compliance with the standards and certification Programs or Decrees above mentioned.*



**Organismo de Certificação / Certification Body**

**UL do Brasil Certificações**

Av. Engenheiro Luís Carlos Berrini, 105 – 24º Andar  
São Paulo – SP – Brasil - 04571-010  
T: 55.11.3049.8300 / W: brazil.ul.com

41-IC-F0033 rev 8.0

# CERTIFICADO DE CONFORMIDADE

## CERTIFICATE OF CONFORMITY

Certificado No. / Certificate No. **UL-BR 17.0737**

Página / Page **2/8**

**Certificado de conformidade válido somente acompanhado das páginas de 1 até 8**  
*Certificate of conformity valid with pages from 1 to 8*

Solicitante / Applicant  
(654965-006)

**Dell Inc.**  
One Dell Way  
Mail Stop PS4-30  
Round Rock, TX 78682-0001

Fabricante / Manufacture  
(100514-856)

**PCE TECHNOLOGY DE JUAREZ S A DE C V**  
Blvd. Internacional 888  
San Jeronimo CD  
32505 – Juarez Chihuahua – Mexico

**POTÊNCIA SONORA (dBA) E CLASSIFICAÇÃO / NOISE POWER AND CLASSIFICATION:** N/A

**MARCAÇÃO / MARKING:** Marca do fabricante, modelo e características elétricas.

**CARACTERÍSTICAS NOMINAIS / RATINGS:**

*I/P: 4.0A 100-240V~ 50/60Hz or 3.2A 100-240V~ 50/60Hz, Class I; IP20*

**LISTA DE ACESSÓRIOS / LIST OF ACCESSORIES:** N/A

**MODELO DE CERTIFICAÇÃO / CERTIFICATION MODEL:** 5

**VERSÃO DO PROJETO DO PRODUTO / PRODUCT DESIGN VERSION:** N/A

**Organismo de Certificação /  
Certification Body**

**UL do Brasil Certificações**

Av. Engenheiro Luís Carlos Berrini, 105 – 24º Andar  
São Paulo – SP – Brasil - 04571-010  
T: 55.11.3049.8300 / W: brazil.ul.com

# CERTIFICADO DE CONFORMIDADE

## CERTIFICATE OF CONFORMITY

Certificado No. / Certificate No. **UL-BR 17.0737**

Página / Page **3/8**

**Certificado de conformidade válido somente acompanhado das páginas de 1 até 8**  
*Certificate of conformity valid with pages from 1 to 8*

**LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:**

Componente/Component	Fabricante/Manufacturer	Tipo/Modelo Type/Model	Características técnicas/Technical data	Norma/Standard	Marca de conformidade/Mark(s) of conformity
Front bezel (decorate parts)	Interchangeable	Interchangeable	HB min.	UL 94	UL
Enclosure	Interchangeable	Interchangeable	Metal, min. 0.6mm thickness	--	Tested in the equip.
Rubber stand	Interchangeable	Interchangeable	HB min.	UL94	UL
Internal plastic	Interchangeable	Interchangeable	V-2 min. or HF-2 min.	UL 94	UL
Alt. Power supply for building-in (PSU)	Acbel (DELL)	AC240AS-02, AC240ES-02	I/P: 4A, 100-240Vac, 50-60Hz, Cl. I. DC-outputs: 16.5A +12.0VA, 16.0A +12.0VB TOTAL POWER 240W MAX. 0.5A +12.0VA, 2.5A +12.0VB MAX. 2.5A for STANDBY MODE.	IEC 60950-1 ed.2; am1; am2, EN 60950-1: 2006+A11+A1+A12+A2, UL 60950-1 (ed.2)	CB by Nemko, N, UL
Alt. Power supply for building-in (PSU)	Bestec (DELL)	B240AS-00, B240ES-00	I/P: 4A, 100-240Vac, 50-60Hz, Cl. I. DC-outputs: +12VA/ 16.5A, +12VB/ 16A, STANDBY MODE +12VA/ 0.5A, +12VB/ 2.5A, STANDBY MODE +12VA & +12VB MAX. 2.5A , TOTAL 240W MAX.	IEC 60950-1 ed.2; am1; am2, EN 60950-1: 2006+A11+A1+A12+A2, UL 60950-1 (ed.2)	CB by Nemko, N, UL
Alt. Power supply for building-in (PSU)	Chicony (DELL)	H240ES-02, H240AS-02	I/P: 4A, 100-240Vac, 50-60Hz, Cl. I. DC-outputs: 16.5A +12VA, 16A +12VB Max. output power is 240W or Standby mode: 0.5A +12VA, 2.5A +12VB. +12VA & +12VB shall not exceed 2.5A.	IEC 60950-1 ed.2; am1; am2, EN 60950-1: 2006+A11+A1+A12+A2, UL 60950-1 (ed.2)	CB by Nemko, N, UL
Alt. Power supply for building-in (PSU)	Delta (DELL)	D240ES-02	I/P: 4A, 100-240Vac, 50-60Hz, Cl. I. DC-outputs: +12VA/16.5A,+12VB/16.0A, STANDBY MODE: +12VA/0.5A, +12VB/2.5A, MAX COMBINED +12VA AND +12VB CURRENT IS 2.5A, MAX OUTPUT POWER 240W	IEC 60950-1 ed.2; am1; am2, EN 60950-1: 2006+A11+A1+A12+A2, UL 60950-1 (ed.2)	CB by Nemko, N, UL
Alt. Power supply for building-in (PSU)	Lite-on (DELL)	L240AS-01, L240ES-00, L240EPS-00	I/P: 4A, 100-240Vac, 50-60Hz, Cl. I. DC-outputs: 16.5A MAX +12VA, 16A MAX +12VB Standby mode: 0.5A +12VA, 2.5A +12VB, Max. total output current 2.5A. Maximum continuous total DC output power shall not exceed 240W.	IEC 60950-1 ed.2; am1; am2, EN 60950-1: 2006+A11+A1+A12+A2, UL 60950-1 (ed.2)	CB by Nemko, N, UL
Alt. Power supply for building-in (PSU)	Shenzhen Huntkey (DELL)	HU240AS-00	I/P: 4A, 100-240Vac, 50-60Hz, Cl. I. DC-outputs: +12VA 16.5A, +12VB 16A, Max. output power: 240W. Standby mode +12VA 0.5A, +12VB 2.5A,+12VA and +12VB combine output current should not exceed 2.5A	IEC 60950-1 ed.2; am1; am2, EN 60950-1: 2006+A11+A1+A12+A2, UL 60950-1 (ed.2)	CB by Nemko, N, UL
Alt. Power supply for building-in (PSU)	Acbel (DELL)	AC200AS-00, AC200EBS-00	Input: AC 100-240V, 50-60Hz, 3.2A Cl. I. Output: DC +12.0VA; 16.5A, +12.0VB: 14.0A Standby mode DC +12.0VA; 0.5A, +12.0VB; 2.5A (Max. 2.5A) TOTAL POWER 200W MAX.	IEC 60950-1 ed.2; am1; am2, EN 60950-1: 2006+A11+A1+A12+A2, UL 60950-1 (ed.2)	CB by TUV Rh, UL
Alt. Power supply for building-in (PSU)	Chicony (DELL)	H200AS-00, H200EBS-00	I/P: 3.2A, 100-240Vac, 50-60Hz, Cl. I. DC-outputs: 16.5A +12VA, 14A +12VB. STANDBY MODE: 0.5A +12VA, 2.5A +12VB. +12VA & +12VB MAX 2.5A. MAX OUPUT POWER: 200W.	IEC 60950-1 ed.2; am1; am2, EN 60950-1: 2006+A11+A1+A12+A2, UL 60950-1 (ed.2)	CB by Nemko, N, UL
Alt. Power supply for building-in (PSU)	Chicony (DELL)	H200EPS-00	I/P: 3.2A, 100-240Vac, 50-60Hz, Cl. I. DC-outputs: 16.5A +12VA, 14A +12VB MAX OUPUT POWER: 200W or STANDBY MODE: 0.5A +12VA, 2.5A +12VB. +12VA & +12VB MAX 2.5A.	IEC 60950-1 ed.2; am1; am2, EN 60950-1: 2006+A11+A1+A12+A2, UL 60950-1 (ed.2)	CB by Nemko, N, UL

**Organismo de Certificação / Certification Body**

**UL do Brasil Certificações**

Av. Engenheiro Luís Carlos Berrini, 105 – 24º Andar  
 São Paulo – SP – Brasil - 04571-010  
 T: 55.11.3049.8300 / W: brazil.ul.com

# CERTIFICADO DE CONFORMIDADE

## CERTIFICATE OF CONFORMITY

Certificado No. / Certificate No. **UL-BR 17.0737**

Página / Page **4/8**

**Certificado de conformidade válido somente acompanhado das páginas de 1 até 8**  
*Certificate of conformity valid with pages from 1 to 8*

Alt. Power supply for building-in (PSU)	Chicony (DELL)	H260EPM-00	I/P: 4.2A, 100-240Vac, 50-60Hz, Cl. I. DC-outputs: 16.5A +12VA, 16A +12VB MAX OUTPUT POWER: 260W or STANDBY MODE: 0.5A +12VA, 2.5A +12VB. +12VA & +12VB MAX 2.5A.	IEC 60950-1 ed.2; am1; am2, EN 60950-1: 2006+A11+A1+ A12+A2, UL 60950-1 (ed.2)	CB by Nemko, N, UL
Alt. Power supply for building-in (PSU)	Chicony (DELL)	H300EGS-00	I/P: 4.2A, 100-240Vac, 50-60Hz, Cl. I. DC-outputs: 16.5A +12VA, 16A +12VB, 8A +12VC Standby mode: 0.5A +12VA, 2.5A +12VB +12VA & +12VB shall not exceed 2.5A. MAX OUTPUT POWER 300W	IEC 60950-1 ed.2; am1; am2, EN 60950-1: 2006+A11+A1+ A12+A2, UL 60950-1 (ed.2)	CB by Nemko, N, UL
Alt. Power supply for building-in (PSU)	Delta (DELL)	D200EPS-00	I/P: 3.2A, 100-240Vac, 50-60Hz, Cl. I. DC-outputs: +12VADC/16.5A, +12VBDC/14.0A. Total power 200W. Standby mode: +12VADC/0.5A, +12VBDC/2.5A. +12VADC and +12VBDC combined max total output 2.5A	IEC 60950-1 ed.2; am1; am2, EN 60950-1: 2006+A11+A1+ A12+A2, UL 60950-1 (ed.2)	CB by Nemko, N, UL
Alt. Power supply for building-in (PSU)	Delta (DELL)	D260EPM-00	I/P: 4.2A, 100-240Vac, 50-60Hz, Cl. I. DC-outputs: +12VADC/16.5A, +12VBDC/16.0A. Total power 260W. Standby mode: +12VADC/0.5A, +12VBDC/2.5A. +12VADC and +12VBDC combined max total output 2.5A	IEC 60950-1 ed.2; am1; am2, EN 60950-1: 2006+A11+A1+ A12+A2, UL 60950-1 (ed.2)	CB by Nemko, N, UL
Alt. Power supply for building-in (PSU)	Lite-on (DELL)	L200AS-00, L200EBS-00	Input: AC 100-240V, 3.2A, 50-60Hz, Cl. I. Output: DC +12VA/16.5A max., +12VB/ 14A max.(Normal Mode), +12VA/ 0.5A max., +12VB/ 2.5A max.; total Max. 2.5A (Standby Mode); Max. continuous total DC output Power shall not exceed 200W.	IEC 60950-1 ed.2; am1; am2, EN 60950-1: 2006+A11+A1+ A12+A2, UL 60950-1 (ed.2)	CB by TUV Rh, UL
Alt. Power supply for building-in (PSU)	Lite-on (DELL)	L200EPS-00	Input: 100-240V, 50-60Hz, 3.2A Cl. I. Output: +12VA/16.5A max., +12VB/ 14A max Standby mode: +12VA/ 0.5A max., +12VB/ 2.5A max.; total Max. 2.5A. continuous total DC output Power 200W max.	IEC 60950-1 ed.2; am1; am2, EN 60950-1: 2006+A11+A1+ A12+A2, UL 60950-1 (ed.2)	CB by TUV Rh, UL
Alt. Power supply for building-in (PSU)	Lite-on (DELL)	L260EPM-00	Input: 100-240V, 50-60Hz, 4.2A Cl. I. Output: +12VA/16.5A max., +12VB/ 16A max Standby mode: +12VA/ 0.5A max., +12VB/ 2.5A max.; total Max. 2.5A. continuous total DC output Power 260W max.	IEC 60950-1 ed.2; am1; am2, EN 60950-1: 2006+A11+A1+ A12+A2, UL 60950-1 (ed.2)	CB by TUV
Alt. Power supply for building-in (PSU)	Shenzhen Huntkey (DELL)	HU200AS-00, HU200EBS-00	Input: 100-240V, 50-60Hz, 3.2A Cl. I. DC Output: +12VA/16.5A, +12VB/14A Max. 200W. Standby mode: +12VA/0.5A, +12VB/2.5A, Max. 2.5A	IEC 60950-1 ed.2; am1; am2, EN 60950-1: 2006+A11+A1+ A12+A2, UL 60950-1 (ed.2)	CB by UL (Demko), UL
Alt. Power supply for building-in (PSU)	Shenzhen Huntkey (DELL)	HU300EGS-00	Input: 100-240V, 50-60Hz, 4.2A Cl. I. DC Output: +12VA/16.5A; +12VB/16A; +12VC, 8A. MAX. OUTPUT POWER: 300W. Standby mode: +12VA/0.5A, +12VB/2.5A, Max. 2.5A	IEC 60950-1 ed.2; am1; am2, EN 60950-1: 2006+A11+A1+ A12+A2, UL 60950-1 (ed.2)	CB by UL (Demko), UL
HDD / SSD (Optional)	Hitachi Global Storage	HDS7225nnVLATnn	Max. 1.5/2.0A, 5/12Vdc	EN 60950-1: 2006/A2, UL 60950-1	TUV, UL
	LITE-ON	LMS-xxL6Mxxxxx (x can be any alphanumeric or blank)	3.3Vdc, 2.0A max.		TUV, UL
	Lite-On Interchangeable	CF1-CPxxxxxxx Interchangeable	5Vdc, 2.0A max. Max. 1.5/2.0A, 5/12Vdc or 5Vdc or 3.3Vdc, 2.0A max.		EN 60950-1: 2006/A2, UL 60950-1
Optical Disk Drive (Optional)	Hitachi-LG Data Storage Inc.	DRW-24xyST (The "X" can be A to Z and the "y" can be 0 to 9 and the "z" or blank according to buyer, color or other configurations not related with safety.	5/12Vdc, 2.0/2.5A max. Laser class 1	EN 60950-1: 2006/A2, EN 60825-1, UL 60950-1	TUV, UL

**Organismo de Certificação / Certification Body**

**UL do Brasil Certificações**

Av. Engenheiro Luís Carlos Berrini, 105 – 24º Andar  
 São Paulo – SP – Brasil - 04571-010  
 T: 55.11.3049.8300 / W: brazil.ul.com

# CERTIFICADO DE CONFORMIDADE

## CERTIFICATE OF CONFORMITY

Certificado No. / Certificate No. **UL-BR 17.0737**

Página / Page **5/8**

**Certificado de conformidade válido somente acompanhado das páginas de 1 até 8**  
*Certificate of conformity valid with pages from 1 to 8*

	Hitachi-LG Data Storage Inc.  Interchangeable	GUCxy (x can be any number 0 to 9 and y can be any alphanumeric denoting non safety related) Interchangeable	5Vdc, 1.5A max. Laser class 1  Max. 5/12Vdc, 2.0/2.5A or Max. 5Vdc, 1.5A, Laser class 1	EN 60950-1: 2006/A2, EN 60825-1, UL 60950-1  EN 60950-1: 2006/A2, EN 60825-1, UL 60950-1	TUV, UL  Verify by Nemko or other cert. body, UL
CPU Fan	AVC	DS08025R12UV (V= ABCD where A, B, C, D may be A-Z, 0-9, or "-")	12Vdc, max. 0.7 A, 53.82 CFM min.	EN 60950-1: 2006/A2, UL507	TUV, UL
	Delta	QUR0812SH	12Vdc, max. 0.5 A, 52.83 CFM min.	EN 60950-1: 2006/A2, UL507	VDE, UL
	Foxconn	PVA080G12Q	12Vdc, max. 0.65 A, 59 CFM min.	EN 60950-1: 2006/A2, UL507	TUV, UL
	Sunonwealth	MF80251V2-QZ (Z stands for 15 Characters. Each Character stands for one of the following signs: 0-9, A-Z, (, ), ., /, - or blank.)	12Vdc, max. 0.3A, 48 CFM min.	EN 60950-1: 2006/A2, UL507	TUV, UL
	Shenzhen Dongweifeng	EFH-08E12WY (Y=Blank or - WWWW, W can be 0 to 9 or A to Z)	12Vdc, max. 0.7 A, 53.45 CFM min.	EN 60950-1: 2006/A2, UL507	TUV, UL
	AVC	DASD0825B2SV (V can be ABCD where A, B, C,D may be A-Z, 0-9 or "-")	12Vdc, max. 1.2 A, 70.85 CFM min.	EN 60950-1: 2006/A2, UL507	TUV, UL
Alt. CPU Fan	Delta	QFR0812UHZ (Z stands for 5 characters. Each character stands for one of the following signs): 0-9, A-Z, - or blank	12Vdc, max. 0.87 A, 63.21 CFM min.	EN 60950-1: 2006/A2, UL507	TUV, UL
	Foxconn	PVA080G12R	12Vdc, max. 0.8 A, 71 CFM min.	EN 60950-1: 2006/A2, UL507	TUV, UL
	Delta	AUB0712VH	12Vdc, max. 0.56 A, 43.68 CFM min.	EN 60950-1: 2006/A2, UL507	TUV, UL
	Foxconn	PVA070G12Q	12Vdc, max. 0.5 A, 42 CFM min.	EN 60950-1: 2006/A2, UL507	TUV, UL
	AVC	BAZB0925R2UV (V can be ABCD where A, B, C, D may be A-Z, 0-9 or -)	12Vdc, max. 1.0 A, 22 CFM min.	EN 60950-1: 2006/A2, UL507	TUV, UL
	Delta	BUC1012SJ-00XXXXXX (X stands for A-Z, 0-9, - or blank for marketing purpose only)	12Vdc, max. 1.2 A, 23.25 CFM min.	EN 60950-1: 2006/A2, UL507	TUV, UL
	Shenzhen Dongweifeng	EFH-08E12WY (Y=Blank or - WWWW, W can be 0 to 9 or A to Z)	12Vdc, max. 0.7 A, 20.7 CFM min.	EN 60950-1: 2006/A2, UL507	TUV, UL
	Foxconn	PVB120G12H-P01	12Vdc, max. 0.75 A, 20.47 CFM min.	EN 60950-1: 2006/A2, UL507	TUV, UL
	Sunonwealth	MF80251V2-Q0Z (Z stands for 30 Characters. Each Character stands for one of the following signs: 0-9, A-Z, (, ), ., /, - or blank for marketing purpose only)	12Vdc, max. 0.55 A, 20.7 CFM min.	EN 60950-1: 2006/A2, UL507	TUV, UL
		AVC	BAZA1233R2UV (V can be ABCD where A, B, C,D may be A-Z, 0-9 or "-")	12Vdc, max. 0.9 A, 28.2 CFM min.	EN 60950-1: 2006/A2, UL507

**Organismo de Certificação / Certification Body**

**UL do Brasil Certificações**

Av. Engenheiro Luís Carlos Berrini, 105 – 24º Andar  
 São Paulo – SP – Brasil - 04571-010  
 T: 55.11.3049.8300 / W: brazil.ul.com

# CERTIFICADO DE CONFORMIDADE

## CERTIFICATE OF CONFORMITY

Certificado No. / Certificate No. **UL-BR 17.0737**

Página / Page **6/8**

**Certificado de conformidade válido somente acompanhado das páginas de 1 até 8**  
*Certificate of conformity valid with pages from 1 to 8*

	Delta	BUC1412VE-00XXXXXX (X stands for A-Z, 0-9, - or blank)	12Vdc, max. 1.2 A, 32.83 CFM min.	EN 60950-1: 2006/A2, UL507	TUV, UL
Alt. CPU Fan	Shenzhen Dongweifeng	EFH-12J12WZ (Z=blank or -WWWW, W can be 0-9 or A-Z)	12Vdc, max. 1.0 A, 28.6 CFM min.	EN 60950-1: 2006/A2, UL507	TUV, UL
	Foxconn	PVB120J12H-P01	12Vdc, max. 0.8 A, 30.03 CFM min.	EN 60950-1: 2006/A2, UL507	TUV, UL
	Interchangeable	Interchangeable	12Vdc, max. 1.2 A, 20.47 CFM min.	EN 60950-1: 2006/A2, UL507	Verify by Nemko or other cert. body, UL
Front system Fan (optional)	AVC	DASA0820R2UV (V= ABCD where A, B, C, D may be A-Z, 0-9 or "-")	12Vdc, max. 0.6 A, 48.02 CFM min.	EN 60950-1: 2006/A2, UL507	TUV, UL
	Delta	AUB0812HHD	12Vdc, max. 0.4 A, 46.31 CFM min.	EN 60950-1: 2006/A2, UL507	VDE, UL
	Foxconn	PVA080F12R	12Vdc, max. 0.36 A, 40 CFM min.	EN 60950-1: 2006/A2, UL507	TUV, UL
	Sunonwealth	MF80201VX-QZ (Z stands for 15 Characters. Each character stands for one of the following signs): 0-9, A-Z, (, ), ., /, - or blank.)	12Vdc, max. 0.219A, 40.8 CFM min.	EN 60950-1: 2006/A2, UL507	TUV, UL
	AVC	DASA0820B2UV (V can be ABCD where A, B, C, D may be A-Z, 0-9 or "-")	12Vdc, max. 0.6 A, 55.48 CFM min.	EN 60950-1: 2006/A2, UL507	TUV, UL
	Delta	AFC0812DD	12Vdc, max. 0.75 A, 54.64 CFM min.	EN 60950-1: 2006/A2, UL507	TUV, UL
	Foxconn	PVA080F12S	12Vdc, max. 0.56 A, 56.7 CFM min.	EN 60950-1: 2006/A2, UL507	TUV, UL
PCB	Interchangeable	Interchangeable	V-1 min., 105°C min.	UL 796	UL
Following components used on motherboard					
RTC Battery (Lithium type)	Mitsubishi	CR2032	3Vdc, maximum abnormal charging current 10mA	UL 1642	UL(MH21249)
	Panasonic	CR2032*, CR-2032* (* - Cell model numbers may be followed by an optional slash (/) and single or multiple alphanumeric characters (i.e. letters and/or numbers), which denote optional features such as various mounting tabs, connecting leads or plugs, packaging, etc.)			UL(MH12210)
	Shun Wo	CR2032* (* - Cell model numbers may be followed by an optional slash (/) and single or multiple alphanumeric characters (i.e. letters and/or numbers), which denote optional features such as various mounting tabs, connecting leads or plugs, packaging etc.)			UL(MH25881)
	Jhjh Hong (JHT)	CR2032			UL(MH48406)
Power Cord Set	Various	Various	---	NBR 14136, NBR NM 60884-1	INMETRO

**Organismo de Certificação /  
Certification Body**

**UL do Brasil Certificações**

Av. Engenheiro Luís Carlos Berrini, 105 – 24º Andar  
 São Paulo – SP – Brasil - 04571-010  
 T: 55.11.3049.8300 / W: brazil.ul.com

41-IC-F0033 rev 8.0

# CERTIFICADO DE CONFORMIDADE

## CERTIFICATE OF CONFORMITY

Certificado No. / Certificate No. **UL-BR 17.0737**

Página / Page **7/8**

**Certificado de conformidade válido somente acompanhado das páginas de 1 até 8**  
*Certificate of conformity valid with pages from 1 to 8*

### DOCUMENTOS / DOCUMENTS:

Título / Title	Número / Number	Revisão / Revision	Data emissão / Issuing Date	Data Realização de Performance / Date
<<Dados da Auditoria / Audit data >> <b>Factory: PCE TECHNOLOGY DE JUAREZ S A DE C V</b>	BR2263	0	<b>2018-03-08</b>	N/A
<<Dados da Auditoria / Audit data >> <b>Importer: DELL COMPUTADORES DO BRASIL LTDA</b>	BR2263	0	<b>2018-02-15</b>	N/A
<b>Relatório de ensaio emitido por / Test report issued by Nemko Taiwan</b>	285383	0	2015-05-12	N/A
<b>Relatório de ensaio emitido por / Test report issued by Nemko Taiwan</b>	305346	0	2016-03-17	N/A
<b>Relatório de ensaio emitido por / Test report issued by Nemko Taiwan</b>	317002	0	2016-10-06	N/A
<b>Relatório de ensaio emitido por / Test report issued by Nemko Taiwan</b>	329007	0	2017-04-20	N/A
<b>Relatório de ensaio emitido por / Test report issued by Nemko Taiwan</b>	332284	0	2017-06-03	N/A
<b>Relatório de ensaio emitido por / Test report issued by Nemko Taiwan</b>	<b>342811</b>	<b>0</b>	<b>2017-12-07</b>	<b>N/A</b>
<b>Relatório de ensaio emitido por / Test report issued by International Standards Laboratory</b>	ISL-16LE446CE-R3	0	2017-06-26	N/A
<b>Relatório de ensaio emitido por / Test report issued by International Standards Laboratory</b>	ISL-16LE446FB-R3	0	2017-06-26	N/A
<b>Relatório de ensaio emitido por / Test report issued by International Standards Laboratory</b>	<b>ISL-17LE710CE-R1</b>	<b>0</b>	<b>2018-03-22</b>	<b>N/A</b>
<b>Relatório de ensaio emitido por / Test report issued by International Standards Laboratory</b>	<b>ISL-17LE710FB-R1</b>	<b>0</b>	<b>2018-03-22</b>	<b>N/A</b>
<b>Relatório de ensaio emitido por / Test report issued by International Standards Laboratory</b>	ISL-17LS012OS	0	2017-06-28	N/A
<b>Relatório de ensaio emitido por / Test report issued by International Standards Laboratory</b>	<b>ISL-18LS020OS</b>	<b>0</b>	<b>2018-03-30</b>	<b>N/A</b>
<<Software / Software>>	N/A			
<<Manual do usuário / User's manual>>	N/A			

**Organismo de Certificação / Certification Body**

**UL do Brasil Certificações**

Av. Engenheiro Luís Carlos Berrini, 105 – 24º Andar  
São Paulo – SP – Brasil - 04571-010  
T: 55.11.3049.8300 / W: brazil.ul.com

41-IC-F0033 rev 8.0

# CERTIFICADO DE CONFORMIDADE

## CERTIFICATE OF CONFORMITY

Certificado No. / Certificate No. **UL-BR 17.0737**

Página / Page **8/8**

**Certificado de conformidade válido somente acompanhado das páginas de 1 até 8**  
*Certificate of conformity valid with pages from 1 to 8*

### OBSERVAÇÕES / OBSERVATIONS:

- 1. A validade deste Certificado está condicionada à realização das avaliações de manutenção e tratamento de possíveis não conformidades de acordo com as orientações da UL do Brasil Certificações e previstas nos procedimentos específicos.**  
*The validation of this certificate depends on the surveillance inspections performing and Non conformity treatments, according to UL do Brasil Certificações procedures.*
- 2. Este certificado aplica-se aos equipamentos (produtos) idênticos ao protótipo avaliado e certificado, manufaturados na(s) unidade (s) fabril (is) mencionada (S) acima.**  
*This certificate applies to the products that are identical to the prototype investigated, certified and manufactured at the production site mentioned in this certificate.*
- 3. Qualquer alteração no produto, incluindo a marcação, invalidará o presente certificado, salvo se o solicitante informar por escrito à UL do Brasil Certificações sobre esta modificação, a qual procederá à avaliação e decidirá quanto à continuidade da validade do certificado.**  
*Any non-authorized changes performed in the product, including marking, will invalidate this certificate. UL do Brasil Certificações must be notified about any desired change. This notification will be analyzed by UL do Brasil Certificações that will decide about certificate force.*

### Histórico de Revisões / Revisiosn Description:

02 de maio de 2018 / May 02, 2018	<ul style="list-style-type: none"><li>- Adicione três novas placas principais (chamadas MB8, MB9 e MB10) e novas fontes de dezesseis fontes de alimentação.</li><li>- Adicione a classificação de entrada 3.2A 100-240V ~ 50/60Hz.</li><li>- Adicione o dissipador alternativo D e o invólucro alternativo C para MB8, MB9 e MB10 usados.</li><li>- Adicione Ventilador de CPU alternativo e Ventilador do sistema frontal.</li><li>- <i>Add three new main boards (called MB8, MB9 and MB10) and new sixteen PSU sources.</i></li><li>- <i>Add input rating 3.2A 100-240V~ 50/60Hz.</i></li><li>- <i>Add alternative heatsink D and alternative enclosure C for MB8, MB9 and MB10 used.</i></li><li>- <i>Add alternative CPU Fan and Front system Fan.</i></li></ul>
07 de agosto de 2017 / August 7 , 2017	Emissão inicial / Initial Issue
<b>A última revisão substitui e cancela as anteriores</b> <i>The last review replaces and cancels the previous ones</i>	

**Organismo de Certificação /**  
**Certification Body**

**UL do Brasil Certificações**

Av. Engenheiro Luís Carlos Berrini, 105 – 24º Andar  
São Paulo – SP – Brasil - 04571-010  
T: 55.11.3049.8300 / W: brazil.ul.com

41-IC-F0033 rev 8.0