

## EU Declaration of Conformity

**Model Number:** ESY10I1B, ESY10I1C, ESY15I1B, ESY15I1C, ESY22I1B  
**Equipment Category:** Information Technology and Telecommunications Equipment  
**Equipment Class:** Commercial and Light Industrial  
**Product Name:** Touch All in one Computer  
**Manufacture Start Year:** 2017

We hereby declare under our sole responsibility, that the object of the declaration described above is in conformity with the following EU Directives and harmonized standard(s):


1. **EU Directive 2014/53/EU** of the European Parliament and of the Council of 16 April 2014 on the harmonization of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC Text with EEA relevance.

Applicable harmonized standards:

- EN 55032:2012/AC:2013 Class A
- EN 55024:2010
- EN 61000-3-2:2014
- EN 61000-3-3:2013 – Standard
- EN 61000-6-1:2007
- IEC 61000-4-2:2008
- IEC 61000-4-3:2006+A1:2008+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
- EN 300 328 V2.1.1
- ETSI EN 301 893 V2.1.1
- ETSI EN 301 489-1 V2.1.1:2017
- ETSI EN 301 489-17 V3.1.1:2017
- EN 62311:2008
- EN62479:2010
- EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013
- IEC 60950-1:2005 Second Edition with all CB-scheme national differences

2. **EU Directive 2011/65/EU** of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Technical documentation required by the EU Directive 2011/65/EU was drawn based on harmonized standard EN 50581:2012.



Kevin Huang  
Engineering Manager  
Elo Touch Solutions, Inc.



Ref. Certif. No.

**DK-68093-UL**

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

**CB TEST CERTIFICATE**

Product

Touch All-in-one Computer

Name and address of the applicant

ELO TOUCH SOLUTIONS, INC.  
670 N Mccarthy Blvd, Suite 100, MILPITAS, CA 95035,  
United States

Name and address of the manufacturer

ELO TOUCH SOLUTIONS, INC.  
670 N Mccarthy Blvd, Suite 100, MILPITAS, CA 95035,  
United States

Name and address of the factory

Note: When more than one factory, please report on page 2

Additional Information on page 2

Ratings and principal characteristics

See Page 2

Trademark (if any)

Elo



Type of Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

ESY10XXX, ESY15XXX, ESY22XXX  
See Page 2

Additional information (if necessary may also be reported on page 2)

Additionally evaluated to EN 60950-1: 2006 / A11: 2009 / A1: 2010 / A12: 2011 / A2:2013; National Differences specified in the CB Test Report.

Additional Information on page 2

A sample of the product was tested and found to be in conformity with

IEC 60950-1(ed.2), IEC 60950-1(ed.2);am1, IEC 60950-1(ed.2);am2

As shown in the Test Report Ref. No. which forms part of this Certificate

U1707268-845 issued on 2017-11-09

This CB Test Certificate is issued by the National Certification Body



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

Date: 2017-11-10

Signature:

*Jan Erik Storgaard*  
Jan-Erik Storgaard

For full legal entity names see www.ul.com/ncbnames

**Model Details:**  
 ESY10XXX, ESY15XXX, ESY22XXX (X=0-9, A-Z or blank for market purpose)


**Factories:**  
 Elo Touch Solutions, Inc.  
 2245 BRIGHTON-HENRIETTA TOWN LINE RD, ROCHESTER NY 14623,  
 USA.

**Ratings:**  
 ESY10XXX  
 19Vdc, 1.8A(Supply by Adapter and POE)

ESY15XXX  
 1. 19Vdc, 2.0A(Supply by Adapter and POE)  
 2. 19.0Vdc, 7.0A(Supply by Expansion Module)

ESY22XXX  
 1. 19Vdc, 2.5A(Supply by Adapter)  
 2. 19.0Vdc, 7.0A(Supply by Expansion Module)


**Additional information (if necessary)**



<input type="checkbox"/>	UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
<input checked="" type="checkbox"/>	UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
<input type="checkbox"/>	UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
<input type="checkbox"/>	UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see [www.ul.com/mcbnames](http://www.ul.com/mcbnames)

**Date:** 2017-11-10

  
**Signature:**  
 Jan-Erik Storgaard

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20171207-E162681  
**Report Reference** E162681-A90-UL  
**Issue Date** 2017-DECEMBER-07

**Issued to:** Elo Touch Solutions Taiwan Ltd  
2ND FL-1 66  
JINGMAO 2ND RD  
NANGANG DISTRICT  
TAIPEI ,115 TAIWAN

**This is to certify that  
representative samples of**

INFORMATION TECHNOLOGY EQUIPMENT INCLUDING  
ELECTRICAL BUSINESS EQUIPMENT

Product: Touch All-in-One Computer  
Model: ESY22XXX, ESY15XXX, ESY10XXX (X=0-9, A-Z or  
blank for market purpose)

Have been investigated by UL in accordance with the  
Standard(s) indicated on this Certificate.

**Standard(s) for Safety:** UL 60950-1 & CAN/CSA C22.2 No. 60950-1-07 -  
Information Technology Equipment - Safety - Part 1:  
General Requirements

**Additional Information:** See the UL Online Certifications Directory at  
[www.ul.com/database](http://www.ul.com/database) for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's  
Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please  
contact a local UL Customer Service Representative at <http://ul.com/about/locations/>



# ATTESTATION OF CONFORMITY



<b>Attestation No.:</b>	<b>SEFV1708140</b>
<b>Applicant / Holder:</b>	<b>Elo Touch Solutions, Inc.</b>
<b>Address:</b>	<b>670 N. McCarthy Blvd., Suite 100, Milpitas, CA95035</b>
<b>Product / Test Item:</b>	<b>Touch All in one Computer</b>
<b>Model / Type Reference:</b>	<b>ESY22XX, ESY15XX, ESY10XX (X=0-9, A-Z or blank for market purpose)</b>

The submitted sample(s) have been tested with the following standard(s) and found to be in compliance with the essential requirements:

Standard(s)
Applicable to ANSI C63.4 – 2014
That this product has been assessed against the following Applicable Standards
CISPR PUB. 22, FCC Part 15 Subpart B Class A(Verification)

This Verification of Compliance is hereby issued to the above named company. The test Results of this report relate only to the tested sample identified in this report.

**Ray Chou /**  
**EMC/RF B.U. Assistant Manager**  
**2017-11-24**

**Cerpass Technology Corporation**

■ Cerpass Technology Corporation  
No.10, Ln. 2, Lianfu St., Luzhu Dist., Taoyuan City 33848, Taiwan



TCB

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GRANT OF EQUIPMENT AUTHORIZATION
Certification
Issued Under the Authority of the Federal Communications Commission
By:

Telefication B.V.
Edisonstraat 12a
Zevenaar, NL-6902 PK
Netherlands

Date of Grant: 11/02/2017

Application Dated: 10/30/2017

Elo Touch Solutions, Inc.
670 N. McCarthy Blvd.
Suite 100
Milpitas, CA 95035

Attention: Angela Huang , Safety Engineer

NOT TRANSFERABLE

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is VALID ONLY for the equipment identified hereon for use under the Commission's Rules and Regulations listed below.

FCC IDENTIFIER: RBWESY10I1B
Name of Grantee: Elo Touch Solutions, Inc.
Equipment Class: Part 15 Spread Spectrum Transmitter
Notes: Touch All in one Computer

Table with 5 columns: Grant Notes, FCC Rule Parts, Frequency Range (MHZ), Output Watts, Frequency Emission Tolerance Designator. Row 1: CC, 15C, 2402.0 - 2480.0, 0.005

Output power listed is conducted.

CC: This device is certified pursuant to two different Part 15 rules sections.

Table with 3 columns: Certificate No.: 172181545/AA/00, Gürhan Vural Product Assessor, Signature



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GRANT OF EQUIPMENT  
AUTHORIZATION

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Certification  
Issued Under the Authority of the  
Federal Communications Commission  
By:

Telefication B.V.  
Edisonstraat 12a  
Zevenaar, NL-6902 PK  
Netherlands

Date of Grant: 11/02/2017

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Elo Touch Solutions, Inc.  
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Attention: Angela Huang , Safety Engineer

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GRANTEE, and is VALID ONLY for the equipment identified hereon for  
use under the Commission's Rules and Regulations listed below.

FCC IDENTIFIER: RBWESY10I1B  
Name of Grantee: Elo Touch Solutions, Inc.  
Equipment Class: Digital Transmission System  
Notes: Touch All in one Computer

Grant Notes	FCC Rule Parts	Frequency Range (MHZ)	Output Watts	Frequency Emission Tolerance Designator
CC	15C	2412.0 - 2462.0	0.19	
CC	15C	2402.0 - 2480.0	0.005	

Output power listed is conducted. The antenna(s) used for this transmitter must be used to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance. This device has 20/40 MHz bandwidth modes.

CC: This device is certified pursuant to two different Part 15 rules sections.

Certificate No.: 172181551/AA/00	Gürhan Vural Product Assessor	
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Certification Issued Under the Authority of the Federal Communications Commission By:

Telefication B.V. Edisonstraat 12a Zevenaar, NL-6902 PK Netherlands

Date of Grant: 11/02/2017

Application Dated: 10/30/2017

Elo Touch Solutions, Inc. 670 N. McCarthy Blvd. Suite 100 Milpitas, CA 95035

Attention: Angela Huang , Safety Engineer

NOT TRANSFERABLE

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is VALID ONLY for the equipment identified hereon for use under the Commission's Rules and Regulations listed below.

FCC IDENTIFIER: RBWESY10I1B
Name of Grantee: Elo Touch Solutions, Inc.
Equipment Class: Unlicensed National Information Infrastructure TX
Notes: Touch All in one Computer

Table with 5 columns: Grant Notes, FCC Rule Parts, Frequency Range (MHZ), Output Watts, Frequency Emission Tolerance Designator. Rows include 38 CC with rule parts 15E and 5745.0 - 5825.0.

Output power listed is conducted. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

This device has shown compliance, in all grant-listed U-NII sub-bands, with the new rules for U-NII devices 38: adopted under Docket No. 13-49 and may be marketed, manufactured or imported after the June 1, 2016 transition deadline.

CC: This device is certified pursuant to two different Part 15 rules sections.

Table with 3 columns: Certificate No. (172181552/AA/00), Product Assessor (Gürhan Vural), and signature.





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Certification
Issued Under the Authority of the Federal Communications Commission
By:

Telefication B.V.
Edisonstraat 12a
Zevenaar, NL-6902 PK
Netherlands

Date of Grant: 11/02/2017

Application Dated: 10/27/2017

Elo Touch Solutions, Inc.
670 N. McCarthy Blvd.
Suite 100
Milpitas, CA 95035

Attention: Angela Huang , Safety Engineer

NOT TRANSFERABLE

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is VALID ONLY for the equipment identified hereon for use under the Commission's Rules and Regulations listed below.

FCC IDENTIFIER: RBWESY15I1B
Name of Grantee: Elo Touch Solutions, Inc.
Equipment Class: Part 15 Spread Spectrum Transmitter
Notes: Touch All in one Computer

Table with 5 columns: Grant Notes, FCC Rule Parts, Frequency Range (MHZ), Output Watts, Frequency Emission Tolerance Designator. Row 1: CC, 15C, 2402.0 - 2480.0, 0.005

Power output listed is conducted. The antenna(s) used for this transmitter must provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users must be provided with transmitter operating conditions for satisfying RF exposure compliance.

CC: This device is certified pursuant to two different Part 15 rules sections.

Table with 3 columns: Certificate No.: 172181546/AA/00, George Lo Product Assessor, Signature of George Lo



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Certification Issued Under the Authority of the Federal Communications Commission By:

Telefication B.V. Edisonstraat 12a Zevenaar, NL-6902 PK Netherlands

Date of Grant: 11/02/2017

Application Dated: 10/27/2017

Elo Touch Solutions, Inc. 670 N. McCarthy Blvd. Suite 100 Milpitas, CA 95035

Attention: Angela Huang , Safety Engineer

NOT TRANSFERABLE

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is VALID ONLY for the equipment identified hereon for use under the Commission's Rules and Regulations listed below.

FCC IDENTIFIER: RBWESY15I1B Name of Grantee: Elo Touch Solutions, Inc. Equipment Class: Digital Transmission System Notes: Touch All in one Computer

Table with 5 columns: Grant Notes, FCC Rule Parts, Frequency Range (MHZ), Output Watts, Frequency Emission Tolerance Designator. Rows include CC 15C with frequency ranges 2402.0 - 2480.0 and 2412.0 - 2462.0, and output values 0.005 and 0.19.

Power output listed is conducted. The antenna(s) used for this transmitter must provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users must be provided with transmitter operating conditions for satisfying RF exposure compliance. This device has 20/40 MHz bandwidth modes.

CC: This device is certified pursuant to two different Part 15 rules sections.

Table with 3 columns: Certificate No.: 172181553/AA/00, George Lo Product Assessor, and a signature of George Lo.



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Application Dated: 10/27/2017

Elo Touch Solutions, Inc. 670 N. McCarthy Blvd. Suite 100 Milpitas, CA 95035

Attention: Angela Huang , Safety Engineer

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FCC IDENTIFIER: RBWESY15I1B Name of Grantee: Elo Touch Solutions, Inc. Equipment Class: Unlicensed National Information Infrastructure TX Notes: Touch All in one Computer

Table with 5 columns: Grant Notes, FCC Rule Parts, Frequency Range (MHZ), Output Watts, Frequency Emission Tolerance Designator. Rows include 38 CC with rule parts 15E and frequency ranges 5180.0 - 5240.0 and 5745.0 - 5825.0.

Power output listed is conducted. The antenna(s) used for this transmitter must provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users must be provided with transmitter operating conditions for satisfying RF exposure compliance. This device has 20/40/80 MHz bandwidth modes.

This device has shown compliance, in all grant-listed U-NII sub-bands, with the new rules for U-NII devices 38: adopted under Docket No. 13-49 and may be marketed, manufactured or imported after the June 1, 2016 transition deadline.

CC: This device is certified pursuant to two different Part 15 rules sections.

Table with 3 columns: Certificate No.: 172181554/AA/00, George Lo Product Assessor, and a signature of George Lo.



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Issued Under the Authority of the  
Federal Communications Commission  
By:

Telefication B.V.  
Edisonstraat 12a  
Zevenaar, NL-6902 PK  
Netherlands

Date of Grant: 11/02/2017

Application  
Dated: 10/30/2017

Elo Touch Solutions, Inc.  
670 N. McCarthy Blvd.  
Suite 100  
Milpitas, CA 95035

Attention: Angela Huang , Safety Engineer

NOT TRANSFERABLE

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is VALID ONLY for the equipment identified hereon for use under the Commission's Rules and Regulations listed below.

FCC IDENTIFIER:	RBWESY22I1B
Name of Grantee:	Elo Touch Solutions, Inc.
Equipment Class:	Part 15 Spread Spectrum Transmitter
Notes:	Touch All in one Computer

Grant Notes	FCC Rule Parts	Frequency Range (MHZ)	Output Watts	Frequency Emission Tolerance Designator
CC	15C	2402.0 - 2480.0	0.005	

Output power listed is conducted.

CC: This device is certified pursuant to two different Part 15 rules sections.

Certificate No.: 172181547/AA/00	Gürhan Vural Product Assessor	
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GRANT OF EQUIPMENT  
AUTHORIZATION

TCB

Certification  
Issued Under the Authority of the  
Federal Communications Commission  
By:

Telefication B.V.  
Edisonstraat 12a  
Zevenaar, NL-6902 PK  
Netherlands

Date of Grant: 11/02/2017

Application  
Dated: 10/30/2017

Elo Touch Solutions, Inc.  
670 N. McCarthy Blvd.  
Suite 100  
Milpitas, CA 95035

Attention: Angela Huang , Safety Engineer

NOT TRANSFERABLE

EQUIPMENT AUTHORIZATION is hereby issued to the named  
GRANTEE, and is VALID ONLY for the equipment identified hereon for  
use under the Commission's Rules and Regulations listed below.

FCC IDENTIFIER: RBWESY22I1B  
Name of Grantee: Elo Touch Solutions, Inc.  
Equipment Class: Digital Transmission System  
Notes: Touch All in one Computer

Grant Notes	FCC Rule Parts	Frequency Range (MHZ)	Output Watts	Frequency Tolerance	Emission Designator
CC	15C	2412.0 - 2462.0	0.19		
CC	15C	2402.0 - 2480.0	0.005		

Output power listed is conducted. The antenna(s) used for this transmitter must be used to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance. This device has 20/40 MHz bandwidth modes.

CC: This device is certified pursuant to two different Part 15 rules sections.

Certificate No.: 172181555/AA/00	Gürhan Vural Product Assessor	
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GRANT OF EQUIPMENT AUTHORIZATION

TCB

Certification Issued Under the Authority of the Federal Communications Commission By:

Telefication B.V. Edisonstraat 12a Zevenaar, NL-6902 PK Netherlands

Date of Grant: 11/02/2017

Application Dated: 10/30/2017

Elo Touch Solutions, Inc. 670 N. McCarthy Blvd. Suite 100 Milpitas, CA 95035

Attention: Angela Huang , Safety Engineer

NOT TRANSFERABLE

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is VALID ONLY for the equipment identified hereon for use under the Commission's Rules and Regulations listed below.

FCC IDENTIFIER: RBWESY22I1B Name of Grantee: Elo Touch Solutions, Inc. Equipment Class: Unlicensed National Information Infrastructure TX Notes: Touch All in one Computer

Table with 5 columns: Grant Notes, FCC Rule Parts, Frequency Range (MHZ), Output Watts, Frequency Emission Tolerance Designator. Rows include 38 CC with rule parts 15E and 5745.0 - 5825.0.

Output power listed is conducted. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

This device has shown compliance, in all grant-listed U-NII sub-bands, with the new rules for U-NII devices 38: adopted under Docket No. 13-49 and may be marketed, manufactured or imported after the June 1, 2016 transition deadline.

CC: This device is certified pursuant to two different Part 15 rules sections.

Table with 3 columns: Certificate No. (172181556/AA/00), Product Assessor (Gürhan Vural), and Signature.



**TECHNICAL ACCEPTANCE  
CERTIFICATE**

**CERTIFICAT D'ACCEPTABILITÉ  
TECHNIQUE**

CERTIFICATION No. No. DE CERTIFICATION	10757B-ESY1011B			
TELEFICATION No. No. DE TELEFICATION	172170592/AA/00			
TEST SITE No. No. DE LABORATOIRE	4834E-2			
ISSUED TO DÉLIVRÉ A	Elo Touch Solutions, Inc.			
TYPE OF EQUIPMENT GENRE DE MATÉRIEL	Bluetooth device Local Area Network (LAN) Device Spread Spectrum/Digital Device (2400-2483.5 MHz)			
TRADE NAME AND MODEL MARQUE ET MODELE	Elo / ESY1011B Elo / ESY1011C			
CERTIFIED TO CERTIFIÉ SELON LE	SPECIFICATION CAHIER DES CHARGES	RSS-102 RSS-247	ISSUE EDITION	5 2

Certification of equipment means only that the equipment has met the requirements of the above-noted specification. Licence applications, where applicable to use certified equipment, are acted on accordingly by the ISED issuing office and will depend on the existing radio environment, service and location of operation. This certificate is issued on condition that the holder complies and will continue to comply with the requirements and procedures issued by ISED. The equipment for which this certificate is issued shall not be manufactured, imported, distributed, leased, offered for sale or sold unless the equipment complies with the applicable technical specifications and procedures issued by ISED.

La certification du matériel signifie seulement que le matériel a satisfait aux exigences de la norme indiquée ci-dessus. Les demandes de licences nécessaires pour l'utilisation du matériel certifié sont traitées en conséquence par le bureau de délivrance d'ISDE et dépendent des conditions radio ambiantes, du service et de l'emplacement d'exploitation. Le présent certificat est délivré à la condition que le titulaire satisfasse et continue de satisfaire aux exigences et aux procédures d'ISDE. Le matériel à l'égard duquel le présent certificat est délivré ne doit pas être fabriqué, importé, distribué, loué, mis en vente ou vendu à moins d'être conforme aux procédures et aux spécifications techniques applicables publiées par ISDE.

ISSUED BY TELEFICATION BV (NL0001), RECOGNIZED CERTIFICATION BODY BY INNOVATION, SCIENCE AND ECONOMIC DEVELOPMENT CANADA  
DÉLIVRÉ PAR TELEFICATION BV (NL0001), ORGANISME DE CERTIFICATION RECONNU PAR INNOVATION, SCIENCES ET DÉVELOPPEMENT ÉCONOMIQUE CANADA

*I hereby attest that the subject equipment was tested and found in compliance with the above-noted specification.  
J'atteste, par la présente, que le matériel a fait l'objet d'essai et a été jugé conforme à la spécification ci-dessus*

DATE 08 Nov 2017 BY

Gürhan Vural  
Product Assessor

This certificate has one annex.



TEST REPORTS  
RAPPORTAGE DE TEST

- Cerpass Technology Corporation: TEF1707267-A, 21 September 2017
- Cerpass Technology Corporation: TEFN1707267-A, 21 September 2017
- Cerpass Technology Corporation: TEDL1707267-A, 21 September 2017
- Cerpass Technology Corporation: TEDL1707267-A, 14 August 2017

FREQUENCY RANGE BANDE DE FRÉQUENCES	EMISSION DESIGNATION DESIGNATION D'ÉMISSION	R.F. POWER RATING PUISSANCE NOMINALE H.F.
2412-2462 MHz	13M5G1D	0.08 W
2412-2462 MHz	17M8D1D	0.19 W
2422-2452 MHz	35M9D1D	0.19 W
2402-2480 MHz	870KF1D	0.004 W
2402-2480 MHz	1M17G1D	0.005 W
2402-2480 MHz	1M09F1D	0.005 W
5180-5240 MHz (4 channels)	18M0D1D	0.03 W
5190-5230 MHz (2 channels)	36M3D1D	0.01 W
5210 MHz (1 channel)	74M8D1D	0.01 W
5745-5825 MHz (5 channels)	18M0D1D	0.01 W
5755-5795 MHz (2 channels)	36M3D1D	0.01 W
5775 MHz (1 channel)	74M9D1D	0.005 W

ANTENNA INFORMATION  
INFORMATION D'ANTENNE

Antennas for IEEE 802.11 b/g/n (20/40 MHz) & Bluetooth:  
PCB antenna, max gain of 2.92 dBi at 2.4 GHz

Antennas for IEEE 802.11a/n/ac (20/40/80 MHz):  
PCB antenna, max gain of 2.67 dBi at 5 GHz Band 1 and max gain of 2.64 dBi at 5 GHz Band 3

REMARKS  
REMARQUES

None.





**TECHNICAL ACCEPTANCE  
CERTIFICATE**

**CERTIFICAT D'ACCEPTABILITÉ  
TECHNIQUE**

CERTIFICATION No. No. DE CERTIFICATION	10757B-ESY1511B			
TELEFICATION No. No. DE TELEFICATION	172170593/AA/00			
TEST SITE No. No. DE LABORATOIRE	4934E-2			
ISSUED TO DÉLIVRÉ A	Elo Touch Solutions, Inc.			
TYPE OF EQUIPMENT GENRE DE MATÉRIEL	Bluetooth device Local Area Network (LAN) Device Spread Spectrum/Digital Device (2400-2483.5 MHz)			
TRADE NAME AND MODEL MARQUE ET MODELE	Elo / ESY1511B Elo / ESY1511C			
CERTIFIED TO CERTIFIÉ SELON LE	SPECIFICATION CAHIER DES CHARGES	RSS-102 RSS-247	ISSUE EDITION	5 2

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La certification du matériel signifie seulement que le matériel a satisfait aux exigences de la norme indiquée ci-dessus. Les demandes de licences nécessaires pour l'utilisation du matériel certifié sont traitées en conséquence par le bureau de délivrance d'ISDE et dépendent des conditions radio ambiantes, du service et de l'emplacement d'exploitation. Le présent certificat est délivré à la condition que le titulaire satisfasse et continue de satisfaire aux exigences et aux procédures d'ISDE. Le matériel à l'égard duquel le présent certificat est délivré ne doit pas être fabriqué, importé, distribué, loué, mis en vente ou vendu à moins d'être conforme aux procédures et aux spécifications techniques applicables publiées par ISDE.

ISSUED BY TELEFICATION BV (NL0001), RECOGNIZED CERTIFICATION BODY BY INNOVATION, SCIENCE AND ECONOMIC DEVELOPMENT CANADA  
DÉLIVRÉ PAR TELEFICATION BV (NL0001), ORGANISME DE CERTIFICATION RECONNU PAR INNOVATION, SCIENCES ET DÉVELOPPEMENT ÉCONOMIQUE CANADA

*I hereby attest that the subject equipment was tested and found in compliance with the above-noted specification.  
J'atteste, par la présente, que le matériel a fait l'objet d'essai et a été jugé conforme à la spécification ci-dessus*

DATE 09 Nov 2017 BY

George Lo  
Product Assessor

This certificate has one annex.



TEST REPORTS  
RAPPORTAGE DE TEST

- Cerpass Technology Corporation: TEF11707267-B, 21 September 2017
- Cerpass Technology Corporation: TEFN1707267-B, 21 September 2017
- Cerpass Technology Corporation: TEDL1707267-B, 21 September 2017
- Cerpass Technology Corporation: TEDL1707267-B, 14 August 2017

FREQUENCY RANGE BANDE DE FRÉQUENCES	EMISSION DESIGNATION DESIGNATION D'ÉMISSION	R.F. POWER RATING PUISSANCE NOMINALE H.F.
2402-2480 MHz	870KF1D	0.004 W
2402-2480 MHz	1M17G1D	0.005 W
2402-2480 MHz	1M09F1D	0.005 W
2412-2462 MHz	13M5G1D	0.08 W
2412-2462 MHz	17M8D1D	0.19 W
2422-2452 MHz	35M9D1D	0.19 W
5180-5240 MHz	18M0D1D	0.03 W
5190-5230 MHz	36M3D1D	0.01 W
5210-5210 MHz	74M8D1D	0.01 W
5745-5825 MHz	18M0D1D	0.01 W
5755-5795 MHz	36M3D1D	0.01 W
5775-5775 MHz	74M9D1D	0.005 W

ANTENNA INFORMATION  
INFORMATION D'ANTENNE

Antennas:  
PCB antenna, max gain of 2.92 dBi at 2.4 GHz and max gain of 2.67 dBi at 5 GHz

REMARKS  
REMARQUES

None.



**TECHNICAL ACCEPTANCE  
CERTIFICATE**

**CERTIFICAT D'ACCEPTABILITÉ  
TECHNIQUE**

CERTIFICATION No. No. DE CERTIFICATION	10757B-ESY2211B			
TELEFICATION No. No. DE TELEFICATION	172170594/AA/00			
TEST SITE No. No. DE LABORATOIRE	4934E-2			
ISSUED TO DÉLIVRÉ A	Elo Touch Solutions, Inc.			
TYPE OF EQUIPMENT GENRE DE MATÉRIEL	Bluetooth device Local Area Network (LAN) Device Spread Spectrum/Digital Device (2400-2483.5 MHz)			
TRADE NAME AND MODEL MARQUE ET MODELE	Elo / ESY2211B			
CERTIFIED TO CERTIFIÉ SELON LE	SPECIFICATION CAHIER DES CHARGES	RSS-102 RSS-247	ISSUE EDITION	5 2

Certification of equipment means only that the equipment has met the requirements of the above-noted specification. Licence applications, where applicable to use certified equipment, are acted on accordingly by the ISED issuing office and will depend on the existing radio environment, service and location of operation. This certificate is issued on condition that the holder complies and will continue to comply with the requirements and procedures issued by ISED. The equipment for which this certificate is issued shall not be manufactured, imported, distributed, leased, offered for sale or sold unless the equipment complies with the applicable technical specifications and procedures issued by ISED.

La certification du matériel signifie seulement que le matériel a satisfait aux exigences de la norme indiquée ci-dessus. Les demandes de licences nécessaires pour l'utilisation du matériel certifié sont traitées en conséquence par le bureau de délivrance d'ISDE et dépendent des conditions radio ambiantes, du service et de l'emplacement d'exploitation. Le présent certificat est délivré à la condition que le titulaire satisfasse et continue de satisfaire aux exigences et aux procédures d'ISDE. Le matériel à l'égard duquel le présent certificat est délivré ne doit pas être fabriqué, importé, distribué, loué, mis en vente ou vendu à moins d'être conforme aux procédures et aux spécifications techniques applicables publiées par ISDE.

ISSUED BY TELEFICATION BV (NL0001), RECOGNIZED CERTIFICATION BODY BY INNOVATION, SCIENCE AND ECONOMIC DEVELOPMENT CANADA  
DÉLIVRÉ PAR TELEFICATION BV (NL0001), ORGANISME DE CERTIFICATION RECONNU PAR INNOVATION, SCIENCES ET DÉVELOPPEMENT ÉCONOMIQUE CANADA

*I hereby attest that the subject equipment was tested and found in compliance with the above-noted specification.  
J'atteste, par la présente, que le matériel a fait l'objet d'essai et a été jugé conforme à la spécification ci-dessus*

DATE 02 Nov 2017 BY

Gürhan Vural  
Product Assessor

This certificate has one annex.



TEST REPORTS  
RAPPORTAGE DE TEST

- Cerpass Technology Corporation: TEF11707267-C, 21 September 2017
- Cerpass Technology Corporation: TEFN1707267-C, 21 September 2017
- Cerpass Technology Corporation: TEDL1707267-C, 21 September 2017
- Cerpass Technology Corporation: TEDL1707267-C, 14 August 2017

FREQUENCY RANGE BANDE DE FRÉQUENCES	EMISSION DESIGNATION DESIGNATION D'ÉMISSION	R.F. POWER RATING PUISSANCE NOMINALE H.F.
2412-2462 MHz	13M5G1D	0.08 W
2412-2462 MHz	17M8D1D	0.19 W
2422-2452 MHz	35M9D1D	0.19 W
2402-2480 MHz	870KF1D	0.004 W
2402-2480 MHz	1M17G1D	0.005 W
2402-2480 MHz	1M09F1D	0.005 W
5180-5240 MHz (4 channels)	18M0D1D	0.03 W
5190-5230 MHz (2 channels)	36M3D1D	0.01 W
5210 MHz (1 channel)	74M8D1D	0.01 W
5745-5825 MHz (5 channels)	18M0D1D	0.01 W
5755-5795 MHz (2 channels)	36M3D1D	0.01 W
5775 MHz (1 channel)	74M9D1D	0.005 W

ANTENNA INFORMATION  
INFORMATION D'ANTENNE

Antennas for IEEE 802.11 b/g/n (20/40 MHz) & Bluetooth:  
PCB antenna, max gain of 2.68 dBi at 2.4 GHz

Antennas for IEEE 802.11 a/n/ac (20/40/80 MHz):  
PCB antenna, max gain of 2.50 dBi at 5150-5250 MHz and max gain of 2.54 dBi at 5725-5850 MHz

REMARKS  
REMARQUES

None.

# Certificate

of  
Radio Equipment in JAPAN

No: 201-171002 / 00

Telefication, operating as Conformity Assessment Body (CAB ID Number: 201) with respect to Japan, declares that the listed product complies with the Technical Regulations Conformity Certification of Specified Radio equipment (ordinance of MPT N° 37,1981)

Product description: **Touch All in one Computer**  
Trademark: **Elo**  
Type designation: **ESY1011B**  
Variants: **See Annex 3**

Manufacturer: **Elo Touch Solutions, Inc.**  
Address: **670 N. McCarthy Boulevard, Suite 100**  
City: **95035 Milpitas, California**  
Country: **U.S.A.**

This statement is granted to:

Name: **Touch Panel Systems K.K.**  
Address: **Sun Hamada Bidg. 2F 1-19-20 Shin-Yokohama**  
City: **kohoku-ku, Kanagawa**  
Country: **Japan**

This statement has THREE Annexes.

Zevenaar, 18 October 2017

CAB



David Chen  
Product Assessor

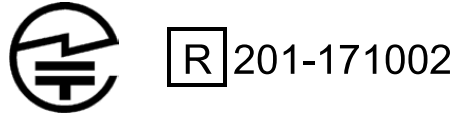


laboratory

certification

approvals

- The validity of this Certificate is limited to products, which are equal to the one examined in the type-examination
- When the manufacturer (or holder of this certificate) is placing the product on the Japanese market, the product must be affixed with the following Specified Radio Equipment marking:



**Remarks and observations**

The following conditions are applicable:

Antennas:

PCB antenna, max gain of 2.92 dBi at 2.4 GHz and max gain of 2.67 dBi at 5 GHz

### Documentation lodged for this type-examination

#### Test Reports:

- Cerpass Technology Corporation: TEMJ1707267-A, 21 September 2017
- Cerpass Technology Corporation: TEMA1707267-A, 21 September 2017
- Cerpass Technology Corporation: TEMK1707267-A, 21 September 2017
- Cerpass Technology Corporation: TEMB1707267-A, 21 September 2017

#### Product Documentation:

- Assembly drawings
- Bill of materials
- Block diagram
- Electrical diagrams
- Antenna specifications
- Internal photos
- External photos
- Manual

### Technical Standards and Specifications

The product shows no non-compliances with:

- Equipment Radio Regulations: 2008 (including amendments)

Chapter I, General Provisions  
Chapter II, Transmitting equipment  
Chapter III, Receiving Equipment  
Chapter IV, section 4.17 article 49.20

Radio equipment specified in:  
Item (19) of article 2, paragraph 1  
Item (19)-3 of article 2, paragraph 1

## Technical features and characteristics

The product includes the following features and characteristics:

### Bluetooth

- Operating frequency range: 2402-2480 MHz (79 channels)
- ITU designation: 78M3F1D
- Maximum output power: 0.06 mW/MHz rated

### Bluetooth LE

- Operating frequency range: 2402-2480 MHz (40 channels)
- ITU designation: 1M28F1D
- Maximum output power: 0.826 mW rated

### IEEE 802.11b

- Operating frequency range: 2412-2472 MHz (13 channels)
- ITU designation: 14M2G1D
- Maximum output power: 3.184 mW/MHz rated

### IEEE 802.11g

- Operating frequency range: 2412-2472 MHz (13 channels)
- ITU designation: 21M6D1D,G1D
- Maximum output power: 1.510 mW/MHz rated

### IEEE 802.11n 20 MHz

- Operating frequency range: 2412-2472 MHz (13 channels)
- ITU designation: 23M0D1D,G1D
- Maximum output power: 1.429 mW/MHz rated

### IEEE 802.11n 40 MHz

- Operating frequency range: 2422-2462 MHz (9 channels)
- ITU designation: 37M0D1D,G1D
- Maximum output power: 0.817 mW/MHz rated

### IEEE 802.11a

- Operating frequency range: 5180-5240 MHz (4 channels)
- ITU designation: 17M2D1D,G1D
- Maximum output power: 0.433 mW/MHz rated

### IEEE 802.11n/ac 20 MHz

- Operating frequency range: 5180-5240 MHz (4 channels)
- ITU designation: 18M1D1D,G1D
- Maximum output power: 0.455 mW/MHz rated

### IEEE 802.11n/ac 40 MHz

- Operating frequency range: 5190-5230 MHz (2 channels)
- ITU designation: 36M1D1D,G1D
- Maximum output power: 0.141 mW/MHz rated

### IEEE 802.11ac (VHT80)

- Operating frequency range: 5210 MHz (1 channel)
- ITU designation: 75M0D1D,G1D
- Maximum output power: 0.072 mW/MHz rated



The product as described in this Certificate includes the following type designations:

- Product description: Touch All in one Computer
- Trademark: Elo
- Type designation: ESY10I1B
  
- Product description: Touch All in one Computer
- Trademark: Elo
- Type designation: ESY10I1C

Telefication, Edisonstraat 12A, 6902 PK Zevenaar, The Netherlands  
Tel: +31 316 583 180, Fax: +31 316 583 189

# Certificate

of  
Radio Equipment in JAPAN

No: 201-171003 / 00

Telefication, operating as Conformity Assessment Body (CAB ID Number: 201) with respect to Japan, declares that the listed product complies with the Technical Regulations Conformity Certification of Specified Radio equipment (ordinance of MPT N° 37,1981)

Product description: **Touch All in one Computer**

Trademark: **Elo**

Type designation: **ESY151B**

Variants: **See Annex 3**

Manufacturer: **Elo Touch Solutions, Inc.**

Address: **670 N. McCarthy Boulevard, Suite 100**

City: **95035 Milpitas, California**

Country: **U.S.A.**

This statement is granted to:

Name: **Touch Panel Systems K.K.**

Address: **Sun Hamada Bidg. 2F 1-19-20 Shin-Yokohama**

City: **kohoku-ku, Kanagawa**

Country: **Japan**

This statement has THREE Annexes.

Zevenaar, 18 October 2017

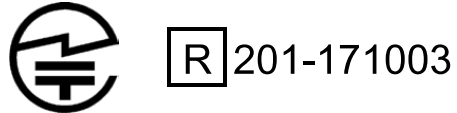
CAB



David Chen  
Product Assessor



- The validity of this Certificate is limited to products, which are equal to the one examined in the type-examination
- When the manufacturer (or holder of this certificate) is placing the product on the Japanese market, the product must be affixed with the following Specified Radio Equipment marking:



#### Remarks and observations

The following conditions are applicable:

Antennas:

PCB antenna, max gain of 2,68 dBi at 2,4 GHz and max gain of 2,50 dBi at 5 GHz

### Documentation lodged for this type-examination

#### Test Reports:

- Cerpass Technology Corporation: TEMJ1707267-C, 21 September 2017
- Cerpass Technology Corporation: TEMA1707267-B, 21 September 2017
- Cerpass Technology Corporation: TEMK1707267-C, 21 September 2017
- Cerpass Technology Corporation: TEMB1707267-C, 21 September 2017

#### Product Documentation:

- Assembly drawings
- Bill of materials
- Block diagram
- Electrical diagrams
- Antenna specifications
- Internal photos
- External photos
- Manual

### Technical Standards and Specifications

The product shows no non-compliances with:

- Equipment Radio Regulations: 2008 (including amendments)

Chapter I, General Provisions  
Chapter II, Transmitting equipment  
Chapter III, Receiving Equipment  
Chapter IV, section 4.17 article 49.20

Radio equipment specified in:  
Item (19) of article 2, paragraph 1  
Item (19)-3 of article 2, paragraph 1

## Technical features and characteristics

The product includes the following features and characteristics:

### Bluetooth

- Operating frequency range: 2402-2480 MHz (79 channels)
- ITU designation: 78M3F1D
- Maximum output power: 0.06 mW/MHz rated

### Bluetooth LE

- Operating frequency range: 2402-2480 MHz (40 channels)
- ITU designation: 1M28F1D
- Maximum output power: 0.826 mW rated

### IEEE 802.11b

- Operating frequency range: 2412-2472 MHz (13 channels)
- ITU designation: 14M2G1D
- Maximum output power: 3.184 mW/MHz rated

### IEEE 802.11g

- Operating frequency range: 2412-2472 MHz (13 channels)
- ITU designation: 21M6D1D,G1D
- Maximum output power: 1.510 mW/MHz rated

### IEEE 802.11n 20 MHz

- Operating frequency range: 2412-2472 MHz (13 channels)
- ITU designation: 23M0D1D,G1D
- Maximum output power: 1.429 mW/MHz rated

### IEEE 802.11n 40 MHz

- Operating frequency range: 2422-2462 MHz (9 channels)
- ITU designation: 37M0D1D,G1D
- Maximum output power: 0.817 mW/MHz rated

### IEEE 802.11a

- Operating frequency range: 5180-5240 MHz (4 channels)
- ITU designation: 17M2D1D,G1D
- Maximum output power: 0.433 mW/MHz rated

### IEEE 802.11n/ac 20 MHz

- Operating frequency range: 5180-5240 MHz (4 channels)
- ITU designation: 18M1D1D,G1D
- Maximum output power: 0.455 mW/MHz rated

### IEEE 802.11n/ac 40 MHz

- Operating frequency range: 5190-5230 MHz (2 channels)
- ITU designation: 36M1D1D,G1D
- Maximum output power: 0.141 mW/MHz rated

### IEEE 802.11ac (VHT80)

- Operating frequency range: 5210 MHz (1 channel)
- ITU designation: 75M0D1D,G1D
- Maximum output power: 0.072 mW/MHz rated

# Certificate

of  
Radio Equipment in JAPAN

No: 201-171004 / 00

Telefication, operating as Conformity Assessment Body (CAB ID Number: 201) with respect to Japan, declares that the listed product complies with the Technical Regulations Conformity Certification of Specified Radio equipment (ordinance of MPT N° 37,1981)

Product description: **Touch All in one Computer**

Trademark: **Elo**

Type designation: **ESY221B**

Variants: --

Manufacturer: **Elo Touch Solutions, Inc.**

Address: **670 N. McCarthy Boulevard, Suite 100**

City: **95035 Milpitas, California**

Country: **U.S.A.**

This statement is granted to:

Name: **Touch Panel Systems K.K.**

Address: **Sun Hamada Bldg. 2F 1-19-20 Shin-Yokohama**

City: **kohoku-ku, Kanagawa**

Country: **Japan**

This statement has THREE Annexes.

Zevenaar, 18 October 2017

**CAB**



David Chen  
Product Assessor

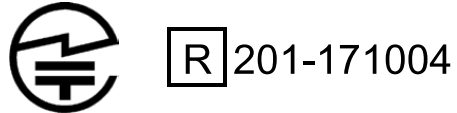


laboratory

certification

approvals

- The validity of this Certificate is limited to products, which are equal to the one examined in the type-examination
- When the manufacturer (or holder of this certificate) is placing the product on the Japanese market, the product must be affixed with the following Specified Radio Equipment marking:



#### Remarks and observations

The following conditions are applicable:

Antennas:

PCB antenna, max gain of 2,68 dBi at 2,4 GHz and max gain of 2,50 dBi at 5 GHz

### Documentation lodged for this type-examination

#### Test Reports:

- Cerpass Technology Corporation: TEMK1707267-C, 21 September 2017
- Cerpass Technology Corporation: TEMB1707267-C, 21 September 2017
- Cerpass Technology Corporation: TEMJ1707267-C, 21 September 2017
- Cerpass Technology Corporation: TEMA1707267-C, 21 September 2017

#### Product Documentation:

- Assembly drawings
- Bill of materials
- Block diagram
- Electrical diagrams
- Antenna specifications
- Internal photos
- External photos
- Manual

### Technical Standards and Specifications

The product shows no non-compliances with:

- Equipment Radio Regulations: 2008 (including amendments)

Chapter I, General Provisions  
Chapter II, Transmitting equipment  
Chapter III, Receiving Equipment  
Chapter IV, section 4.17 article 49.20

Radio equipment specified in:  
Item (19) of article 2, paragraph 1  
Item (19)-3 of article 2, paragraph 1



## Technical features and characteristics

The product includes the following features and characteristics:

### Bluetooth

- Operating frequency range: 2402-2480 MHz (79 channels)
- ITU designation: 78M3F1D
- Maximum output power: 0.06 mW/MHz rated

### Bluetooth LE

- Operating frequency range: 2402-2480 MHz (40 channels)
- ITU designation: 1M28F1D
- Maximum output power: 0.826 mW rated

### IEEE 802.11b

- Operating frequency range: 2412-2472 MHz (13 channels)
- ITU designation: 14M2G1D
- Maximum output power: 3.184 mW/MHz rated

### IEEE 802.11g

- Operating frequency range: 2412-2472 MHz (13 channels)
- ITU designation: 21M6D1D,G1D
- Maximum output power: 1.510 mW/MHz rated

### IEEE 802.11n 20 MHz

- Operating frequency range: 2412-2472 MHz (13 channels)
- ITU designation: 23M0D1D,G1D
- Maximum output power: 1.429 mW/MHz rated

### IEEE 802.11n 40 MHz

- Operating frequency range: 2422-2462 MHz (9 channels)
- ITU designation: 37M0D1D,G1D
- Maximum output power: 0.817 mW/MHz rated

### IEEE 802.11a

- Operating frequency range: 5180-5240 MHz (4 channels)
- ITU designation: 17M2D1D,G1D
- Maximum output power: 0.433 mW/MHz rated

### IEEE 802.11n/ac 20 MHz

- Operating frequency range: 5180-5240 MHz (4 channels)
- ITU designation: 18M1D1D,G1D
- Maximum output power: 0.455 mW/MHz rated

### IEEE 802.11n/ac 40 MHz

- Operating frequency range: 5190-5230 MHz (2 channels)
- ITU designation: 36M1D1D,G1D
- Maximum output power: 0.141 mW/MHz rated

### IEEE 802.11ac (VHT80)

- Operating frequency range: 5210 MHz (1 channel)
- ITU designation: 75M0D1D,G1D
- Maximum output power: 0.072 mW/MHz rated

The product as described in this Certificate includes the following type designations:

- Product description: Touch All in one Computer
- Trademark: Elo
- Type designation: ESY22I1B

Telefication, Edisonstraat 12A, 6902 PK Zevenaar, The Netherlands  
Tel: +31 316 583 180, Fax: +31 316 583 189

The product as described in this Certificate includes the following type designations:

- Product description: Touch All in one Computer
- Trademark: Elo
- Type designation: ESY15I1B
  
- Product description: Touch All in one Computer
- Trademark: Elo
- Type designation: ESY15I1C

Telefication, Edisonstraat 12A, 6902 PK Zevenaar, The Netherlands  
Tel: +31 316 583 180, Fax: +31 316 583 189

## Masahiro Tsumura

---

差出人: aplimgr@vcci.jp  
送信日時: 2017年12月5日火曜日 16:22  
宛先: Masahiro Tsumura  
件名: [VCCI適合確認電子届出]受理証明書

-----  
適合確認届出  
-----

適合確認届出を受理しました。

-----  
届出番号:2017063742  
受理番号:2017044783

<届出者情報>

<会員情報>

会員番号:797

会社名:タッチパネル・システムズ株式会社

所在地:神奈川県横浜市港北区新横浜 1-19-20 SUN HAMADA BLDG2F

<届出責任者>

部署名:技術サポート部

氏名:津村 昌弘

E-mail:masahiro.tsumura@elotouch.com

<届出担当者>

所在地:横浜市港北区新横浜 1-19-20SUN HAMADA BLDG.2F

部署名:技術サポート部

氏名:津村

TEL:045-478-2163

FAX:045-478-2180

E-mail:masahiro.tsumura@elotouch.com

<受理通知受信者>

部署名:技術サポート部

E-mail:masahiro.tsumura@elotouch.com

適用規程:VCCI 32-1

届出種別:新規

一般的な機器の名称:タッチコンピュータ

[ページ番号 #]

機器の種別と分類記号:クラス A / 分類記号 B2

型式(モデル No.):Elo Touch Solutions

ESY10XX

ESY15XX

ESY22XX

X は英数字

<販売ブランド(1)>

販売ブランド業者名:

会員番号:

販売ブランド業者の型式:

<販売ブランド(2)>

販売ブランド業者名:

会員番号:

販売ブランド業者の型式:

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販売ブランド業者名:

会員番号:

販売ブランド業者の型式:

<販売ブランド(5)>

販売ブランド業者名:

会員番号:

販売ブランド業者の型式:

試験機関の会員番号:2216 Cerpasp Technology Corporation

試験機関の名称:

<試験設備等登録番号>

- 1) 1GHz 以下放射妨害波測定設備:R-2670 (10m)
- 2) 1GHz 超放射妨害波測定設備:G-227 (3m)
- 3) 電源ポート伝導妨害波測定設備:C-2919
- 4) 通信(有線)ポート等の伝導妨害波測定設備:T-1945
- 5) 第15条による試験所:
- 6) 設置場所で試験をした:

[ページ番号 #]

試験実施日:2017-09-20

試験報告書番号:SEJV1708140

変更/追加理由:

VCCI コメント:

-----  
-----  
一般財団法人 VCCI 協会

URL :

[https://linkprotect.cudasvc.com/url?a=http://www.vcci.jp/&c=E,1,lcKyEcDGdJ7OHxfiF8Sciz-dlv6-4kXzgGG7ts947qfviWt90fKWUIAK5byKg7tXI0Ah4kkuVlpJ6qAxN\\_UTUzAwSiEMMjT7p0OoG38CheQAicsGoOzeA7orcQ,,&typo=1](https://linkprotect.cudasvc.com/url?a=http://www.vcci.jp/&c=E,1,lcKyEcDGdJ7OHxfiF8Sciz-dlv6-4kXzgGG7ts947qfviWt90fKWUIAK5byKg7tXI0Ah4kkuVlpJ6qAxN_UTUzAwSiEMMjT7p0OoG38CheQAicsGoOzeA7orcQ,,&typo=1)

E-mail : [aplimg@vcci.jp](mailto:aplimg@vcci.jp)

**无线电发射设备**  
**Radio Transmission Equipment**  
**型号核准证**  
**Type Approval Certificate**

美国 Elo Touch Solutions, Inc.:

**根据《中华人民共和国无线电管理**

**In accordance with the provisions on the Radio**

**条例》，经审查，下列无线电发射设备**

**Regulations of the People's Republic of China , the following**

**符合中华人民共和国无线电管理规定和**

**radio transmission equipment , after examination , conforms**

**技术标准，其核准代码为：CMIIT ID: 2017AJ7018**

**to the provisions with its CMIIT ID:**

备注：该设备使用型号为I-series 2.0  
RF, CMIIT ID为2017AJ6447(M)的限制性非  
独立操作的无线电发射模块。

有效期:

Validity 五年



Sealed by issuing authority

2017年11月6日  
Year Month Date

编号: 2017-7018

Number

设备名称: 5.8GHz/5.1GHz/2.4GHz无线局域网/蓝牙设备  
Equipment Name

设备型号: ESY10I1B  
Equipment Type  
系列型号: ESYXXI1X ("X" = 0-9, A-Z或空格)。

主要功能: 数据传输  
Main Functions

GFSK  $\pi/4$ -DQPSK 8DPSK

调制方式: BPSK/QPSK/16QAM/64QAM/256QAM/DBPSK/DQPSK/CCK  
Modulation Mode

### 主要技术参数及其指标值:

#### Main Technical Parameters

频率范围: 5725-5850MHz 5150-5250MHz 2400-2483.5MHz  
Frequency Range

频率容限:  $\leq 20\text{ppm}$   
Frequency Tolerance

发射功率:  $\leq 33\text{dBm}$   $\leq 20\text{dBm}$  (EIRP)  
Transmitting Power  $\leq 23\text{dBm}$  (EIRP) (不支持TPC)

占用带宽:  $\leq 80\text{MHz}$   $\leq 40\text{MHz}$   
Occupied Bandwidth  $\leq 2\text{MHz}$

杂散发射限值:  $\leq -30\text{dBm}$   
Spurious Emission Limits



(核发单位章)

Sealed by issuing authority

2017 年 11 月 6 日

Year Month Date





# 中国国家强制性产品认证证书

证书编号: 2017010901030708

委托人名称、地址

Elo Touch Solutions, Inc.

670 N. McCarthy Blvd., Suite 100, Milpitas, CA95035, 美国

生产者(制造商)名称、地址

Elo Touch Solutions, Inc.

670 N. McCarthy Blvd., Suite 100, Milpitas, CA95035, 美国

生产企业名称、地址



产品名称和系列、规格、型号

触摸一体机

ESY10XX (X 等于 0-9, A-Z 或空白仅为市场销售不同, X 的不同不影响产品的安全结构及电磁兼容性能): 19Vdc, 1.8A (电源适配器: ADP-65JH HB, 输出: 19Vdc 3.42A)  
(销售时电源适配器和电线组件为可选)

产品标准和技术要求

GB17625.1-2012; GB4943.1-2011; GB/T9254-2008 (Class A)

上述产品符合强制性产品认证实施规则 CNCA-C09-01:2014 的要求,  
特发此证。

发证日期: 2017 年 12 月 12 日 有效期至: 2022 年 10 月 26 日

证书有效期内本证书的有效性依据发证机构的定期监督获得保持。

本证书的相关信息可通过国家认监委网站 [www.cnca.gov.cn](http://www.cnca.gov.cn) 查询



主任:



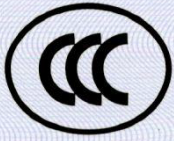
## 中国质量认证中心

<http://www.cqc.com.cn>

中国·北京·南四环西路188号9区 100070

电话: +86 10 83886666

Q 1838462



# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

CERTIFICATE NO.: 2017010901030708

## NAME AND ADDRESS OF THE APPLICANT

Elo Touch Solutions, Inc.  
670 N. McCarthy Blvd., Suite 100, Milpitas, CA95035, United States

## NAME AND ADDRESS OF THE MANUFACTURER

Elo Touch Solutions, Inc.  
670 N. McCarthy Blvd., Suite 100, Milpitas, CA95035, United States

## NAME AND ADDRESS OF THE FACTORY



## PRODUCT NAME, MODEL AND SPECIFICATION

Touch All in one Computer

ESY10XX (X=0-9, A-Z or blank, for marketing purpose only, no impact safety related construction and critical components and EMI): 19Vdc, 1.8A (Adapter: ADP-65JH HB, output: 19Vdc 3.42A) (Cord set and power adapter are optional)

## THE STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS

GB17625.1-2012;GB4943.1-2011;GB/T9254-2008(Class A)

This is to certify that the above mentioned product(s) complies with the requirements of implementation rules for compulsory certification(REFNO.CNCA-C09-01:2014).

Valid from: Dec.12,2017

Valid until: Oct.26,2022

The validity of the certificate is subject to positive result of the regular follow up inspection by issuing certification body until the expiry date.

The certificate information is available through CNCA's website: [www.cnca.gov.cn](http://www.cnca.gov.cn)



President:

Wang Kejiao



## CHINA QUALITY CERTIFICATION CENTRE

<http://www.cqc.com.cn>

Section 9, No. 188, Nansihuan Xilu, Beijing 100070 P. R. China

Tel: +86 10 83886666

Q 1838462



# 中国国家强制性产品认证证书

证书编号：2017010901030711

委托人名称、地址

Elo Touch Solutions, Inc.

670 N. McCarthy Blvd., Suite 100, Milpitas, CA95035, 美国

生产者（制造商）名称、地址

Elo Touch Solutions, Inc.

670 N. McCarthy Blvd., Suite 100, Milpitas, CA95035, 美国

生产企业名称、地址



产品名称和系列、规格、型号

触摸一体机

ESY15XXX(X 等于 0-9, A-Z 或空白仅为市场销售不同, X 的不同不影响产品的安全结构及电磁兼容性能): 19Vdc, 2.0A (电源适配器: ADP-65JH HB, 输出: 19Vdc 3.42A)  
(销售时电源适配器和电线组件为可选)

产品标准和技术要求

GB17625.1-2012; GB4943.1-2011; GB/T9254-2008 (Class A)

上述产品符合强制性产品认证实施规则 CNCA-C09-01:2014 的要求, 特发此证。

发证日期: 2017 年 12 月 12 日 有效期至: 2022 年 10 月 26 日

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主任:



## 中国质量认证中心

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中国·北京·南四环西路188号9区 100070

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Q 1838463



# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

CERTIFICATE NO.: 2017010901030711

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Elo Touch Solutions, Inc.  
670 N. McCarthy Blvd., Suite 100, Milpitas, CA95035, United States

## NAME AND ADDRESS OF THE MANUFACTURER

Elo Touch Solutions, Inc.  
670 N. McCarthy Blvd., Suite 100, Milpitas, CA95035, United States

## NAME AND ADDRESS OF THE FACTORY



## PRODUCT NAME, MODEL AND SPECIFICATION

Touch All in one Computer

ESY15XXX (X=0-9, A-Z or blank, for marketing purpose only, no impact safety related construction and critical components and EMI): 19Vdc, 2.0A (Adapter: ADP-65JH HB output: 19Vdc 3.42A) (Cord set and power adapter are optional)

## THE STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS

GB17625.1-2012;GB4943.1-2011;GB/T9254-2008(Class A)

This is to certify that the above mentioned product(s) complies with the requirements of implementation rules for compulsory certification(REFNO.CNCA-C09-01:2014).

Valid from: Dec.12,2017      Valid until: Oct.26,2022

The validity of the certificate is subject to positive result of the regular follow up inspection by issuing certification body until the expiry date.

The certificate information is available through CNCA's website: [www.cnca.gov.cn](http://www.cnca.gov.cn)



President:

Wang Kejiao



## CHINA QUALITY CERTIFICATION CENTRE

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Section 9, No. 188, Nanshuan Xilu, Beijing 100070 P. R. China

Tel: +86 10 83886666

Q 1838463



# 中国国家强制性产品认证证书

证书编号: 2017010901030717

委托人名称、地址

Elo Touch Solutions, Inc.

670 N. McCarthy Blvd., Suite 100, Milpitas, CA95035, 美国

生产者(制造商)名称、地址

Elo Touch Solutions, Inc.

670 N. McCarthy Blvd., Suite 100, Milpitas, CA95035, 美国

生产企业名称、地址

产品名称和系列、规格、型号

触摸一体机

ESY22XXX (X 等于 0-9, A-Z 或空白仅为市场销售不同, X 的不同不影响产品的安全结构及电磁兼容性能): 19Vdc, 2.5A (电源适配器: ADP-65JH HB, 输出: 19Vdc 3.42A) (销售时电源适配器和电线组件为可选)

产品标准和技术要求

GB17625. 1-2012; GB4943. 1-2011; GB/T9254-2008 (Class A)

上述产品符合强制性产品认证实施规则 CNCA-C09-01:2014 的要求, 特发此证。

发证日期: 2017 年 12 月 12 日 有效期至: 2022 年 10 月 26 日

证书有效期内本证书的有效性依据发证机构的定期监督获得保持。

本证书的相关信息可通过国家认监委网站 [www.cnca.gov.cn](http://www.cnca.gov.cn) 查询



主任:



## 中国质量认证中心

<http://www.cqc.com.cn>

中国·北京·南四环西路188号9区 100070

电话: +86 10 83886666

Q 1838464



# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

CERTIFICATE NO.: 2017010901030717

## NAME AND ADDRESS OF THE APPLICANT

Elo Touch Solutions, Inc.  
670 N. McCarthy Blvd., Suite 100, Milpitas, CA95035, United States

## NAME AND ADDRESS OF THE MANUFACTURER

Elo Touch Solutions, Inc.  
670 N. McCarthy Blvd., Suite 100, Milpitas, CA95035, United States

## NAME AND ADDRESS OF THE FACTORY



## PRODUCT NAME, MODEL AND SPECIFICATION

Touch All in one Computer

ESY22XXX (X=0-9, A-Z or blank, for marketing purpose only, no impact safety related construction and critical components and EMI): 19Vdc, 2.5A (Adapter: ADP-65JH HB, output: 19Vdc 3.42A) (Cord set and power adapter are optional)

## THE STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS

GB17625.1-2012;GB4943.1-2011;GB/T9254-2008(Class A)

This is to certify that the above mentioned product(s) complies with the requirements of implementation rules for compulsory certification(REFNO.CNCA-C09-01:2014).

Valid from: Dec.12,2017

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The validity of the certificate is subject to positive result of the regular follow up inspection by issuing certification body until the expiry date.

The certificate information is available through CNCA's website: [www.cnca.gov.cn](http://www.cnca.gov.cn)



President:

Wang Kejiao



## CHINA QUALITY CERTIFICATION CENTRE

<http://www.cqc.com.cn>

Section 9, No. 188, Nansihuan Xilu, Beijing 100070 P. R. China

Tel: +86 10 83886666

Q 1838464

# 방송통신기자재등의 적합인증서

## Certificate of Broadcasting and Communication Equipments

상호 또는 성명 Trade Name or Applicant	Elo Touch Solutions, Inc.
기자재명칭(명칭) Equipment Name	특정소출력 무선기기(무선데이터통신시스템용 무선기기)
기본모델명 Basic Model Number	ESY10I1
파생모델명 Series Model Number	ESY10I1B, ESY10I1 - 2UWB - 0 - AO - GY - G, ESY10I1 - 2UWC - 0 - AO - GY - G, ESY10I1 - 2UEC - 0 - AO - GY - G, ESY10I1 - 2UEB - 0 - AO - GY - G, ESY10i1 - 2UWC - 0 - AN - GY - CAPK - RSQZ, ESY10I1 - 2UWB - 0 - AN - WH - G, ESY10I1 - 2UWB - 0 - AN - GY - G, ESY10I1C, ESY10I1 - 2UWC - 0 - AN - WH - G, ESY10I1 - 2UWC - 0 - AN - GY - G
인증번호 Certification No.	R-C-TY1-ESY10I1
제조사/제조국가 Manufacturer/ Country of Origin	Elo Touch Solutions, Inc. / 중국
인증연월일 Date of Certification	2018-12-21
기타 Others	

위 기자재는 「전파법」 제58조의2 제2항에 따라 인증되었음을 증명합니다.

It is verified that foregoing equipment has been certificated under the Clause 2, Article 58-2 of Radio Waves Act.

2018년(Year) 12월(Month) 21일(Day)

국립전파연구원장



Director General of National Radio Research Agency

※ 인증 받은 방송통신기자재는 반드시 "적합성평가표시" 를 부착하여 유통하여야 합니다.  
위반시 과태료 처분 및 인증이 취소될 수 있습니다.

## EU Declaration of Conformity

**Model Number:** ESY10I1B, ESY10I1C, ESY15I1B, ESY15I1C, ESY22I1B  
**Equipment Category:** Information Technology and Telecommunications Equipment  
**Equipment Class:** Commercial and Light Industrial  
**Product Name:** Touch All in one Computer  
**Manufacture Start Year:** 2017

We hereby declare under our sole responsibility, that the object of the declaration described above is in conformity with the following EU Directives and harmonized standard(s):

1. **EU Directive 2014/53/EU** of the European Parliament and of the Council of 16 April 2014 on the harmonization of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC Text with EEA relevance.

Applicable harmonized standards:

- EN 55032:2012/AC:2013 Class A
- EN 55024:2010
- EN 61000-3-2:2014
- EN 61000-3-3:2013 – Standard
- EN 61000-6-1:2007
- IEC 61000-4-2:2008
- IEC 61000-4-3:2006+A1:2008+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
- EN 300 328 V2.1.1
- ETSI EN 301 893 V2.1.1
- ETSI EN 301 489-1 V2.1.1:2017
- ETSI EN 301 489-17 V3.1.1:2017
- EN 62311:2008
- EN62479:2010
- EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013
- IEC 60950-1:2005 Second Edition with all CB-scheme national differences

2. **EU Directive 2011/65/EU** of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Technical documentation required by the EU Directive 2011/65/EU was drawn based on harmonized standard EN 50581:2012.



Kevin Huang  
Director, Systems Engineering  
Elo Touch Solutions, Inc.



# ATTESTATION OF CONFORMITY



<b>Attestation No.:</b>	SEFV1708140-C
<b>Applicant / Holder:</b>	Elo Touch Solutions, Inc.
<b>Address:</b>	670 N. McCarthy Blvd., Suite 100, Milpitas, CA95035
<b>Product / Test Item:</b>	POE Module
<b>Model / Type Reference:</b>	ELO-KIT-POE-ADAPTER
<b>Trade Name:</b>	Elo or 

The submitted sample(s) have been tested with the following standard(s) and found to be in compliance with the essential requirements:

Standard(s)
Applicable to ANSI C63.4 – 2014
That this product has been assessed against the following Applicable Standards
CISPR PUB. 22, FCC Part 15 Subpart B Class A(Verification)

This Verification of Compliance is hereby issued to the above named company. The test Results of this report relate only to the tested sample identified in this report.

Ray Chou /  
EMC/RF B.U. Assistant Manager  
2017-12-04

Cerpass Technology Corporation

■ Cerpass Technology Corporation  
No.10, Ln. 2, Lianfu St., Luzhu Dist., Taoyuan City 33848, Taiwan

## Masahiro Tsumura

---

差出人: aplimgr@vcci.jp  
送信日時: 2017年12月6日水曜日 17:02  
宛先: Masahiro Tsumura  
件名: [VCCI適合確認電子届出]受理証明書

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適合確認届出  
-----

適合確認届出を受理しました。

-----  
届出番号:2017063818  
受理番号:2017044833

<届出者情報>

<会員情報>

会員番号:797

会社名:タッチパネル・システムズ株式会社

所在地:神奈川県横浜市港北区新横浜 1-19-20 SUN HAMADA BLDG2F

<届出責任者>

部署名:技術サポート部

氏名:津村 昌弘

E-mail:masahiro.tsumura@elotouch.com

<届出担当者>

所在地:横浜市港北区新横浜 1-19-20SUN HAMADA BLDG.2F

部署名:技術サポート部

氏名:津村

TEL:045-478-2163

FAX:045-478-2180

E-mail:masahiro.tsumura@elotouch.com

<受理通知受信者>

部署名:技術サポート部

E-mail:masahiro.tsumura@elotouch.com

適用規程:VCCI 32-1

届出種別:新規

一般的な機器の名称:POE アダプタ

[ページ番号 #]

機器の種別と分類記号:クラス A / 分類記号 X2

型式(モデル No.):Elo Touch Solutions

ELO-KIT-POE-ADAPTER

<販売ブランド(1)>

販売ブランド業者名:

会員番号:

販売ブランド業者の型式:

<販売ブランド(2)>

販売ブランド業者名:

会員番号:

販売ブランド業者の型式:

<販売ブランド(3)>

販売ブランド業者名:

会員番号:

販売ブランド業者の型式:

<販売ブランド(4)>

販売ブランド業者名:

会員番号:

販売ブランド業者の型式:

<販売ブランド(5)>

販売ブランド業者名:

会員番号:

販売ブランド業者の型式:

試験機関の会員番号:2216 Cerpass Technology Corporation

試験機関の名称:

<試験設備等登録番号>

1) 1GHz 以下放射妨害波測定設備:R-2670 (10m)

2) 1GHz 超放射妨害波測定設備:G-227 (3m)

3) 電源ポート伝導妨害波測定設備:C-2919

4) 通信(有線)ポート等の伝導妨害波測定設備:

5) 第15条による試験所:

6) 設置場所で試験をした:

試験実施日:2017-09-20

試験報告書番号:SEJV1708140-E

変更/追加理由:

[ページ番号 #]

VCCI コメント:

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-----  
一般財団法人 VCCI 協会

URL :

[https://linkprotect.cudasvc.com/url?a=http://www.vcci.jp/&c=E,1,dYJcl1znI3od4Q7tsTQHbHgqkPK796\\_ZMwwtNfFKSP2jLPdXWJdAA6OwFJ469kzt1JPkuBeFE1R\\_agMqOHNOkgxUAulkJ--zRlkV8B1t96STJRIp132P&typo=1](https://linkprotect.cudasvc.com/url?a=http://www.vcci.jp/&c=E,1,dYJcl1znI3od4Q7tsTQHbHgqkPK796_ZMwwtNfFKSP2jLPdXWJdAA6OwFJ469kzt1JPkuBeFE1R_agMqOHNOkgxUAulkJ--zRlkV8B1t96STJRIp132P&typo=1)

E-mail : [aplimg@vcci.jp](mailto:aplimg@vcci.jp)

[ページ番号 #]