



16 May 2017

EU Declaration of Conformity

Model Number: ESY15i2, ESY15i5, ESY22i2, ESY22i5
Equipment Category: Information Technology and Telecommunications Equipment
Equipment Class: Commercial and Light Industrial
Product Name: Touch All in one Computer
Manufacture Start Year: 2016

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 2014/30/EU** of the European Parliament and of the Council of 26 February 2014 on the approximation of the laws of the Member States relating to electromagnetic compatibility and repealing Directive 768/2008/EC Text with EEA relevance.

Applicable harmonized standards:

- EN 55032:2012/AC:2013 Class A
- EN 55024:2010 / EN 61000-6-1: 2007
- EN 61000-6-3: 2007/A1:2011/AC:2012
- EN 61000-3-2:2014 / EN 61000-3-3: 2013 – Standard
- IEC 61000-4-2:2008
- IEC 61000-4-3:2010
- IEC 61000-4-4:2012
- IEC 61000-4-5:2014
- IEC 61000-4-6:2013
- IEC 61100-4-8:2009
- IEC 61000-4-11:2004

2. **EU Directive 99/5/EC** of the European Parliament and of the Council of 9 March 1999 on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity.

Applicable harmonized standards:

- EN 300 328 V1.9.1
- EN 300440-1 V1.6.1:2010
- EN 300440-2 V1.4.1:2010
- EN 301893 V1.8.1:2015
- EN 301489-1 V1.9.2
- EN 301489-3 V1.6.1
- EN 301489-17 V2.2.1
- EN62311:2008
- EN62479:2010

3. **EU Directive 2014/35/EU** of the European Parliament and of the Council of 26 February 2014 on the harmonization of the laws of Member States relating to Electrical Equipment designed for use within certain voltage limits.

Applicable harmonized standards:

- EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013
- IEC 60950-1:2005 Second Edition with all CB-scheme national differences

4. **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.

Elo Touch Solutions | 670 N. McCarthy Blvd., Suite 100 | Milpitas, CA 95035 | 800 ELO TOUCH | +1 408 597 8000 | www.elotouch.com



VERIFICATION OF COMPLIANCE

*This Verification of Compliance is hereby issued to the below named company. The test results of the report number: **C160420E01-EF** relate only to the tested sample identified in the report number: **C160420E01-EF***

**Technical Standard: FCC Part 15 SUBPART B Class A
ICES-003 Issue 6**

General Information

Applicant: Elo Touch Solutions, Inc

Product Description

EUT Description: Touch Computer

Brand Name:



Model Number: ESY15iZ, ESY22iZ (Z=0-9 or A-X or blank, for marketing purpose)

Measurement Facilities

Laboratory: *Compliance Certification Services Inc. Kunshan Laboratory
No.10 Weiye Rd., Innovation park, Eco&Tec,
Development Zone, Kunshan City, Jiangsu, China
Tel: + 86-512-57355888/ FAX: +86-512-57370818*

*This device has been shown to be in compliance with and was tested in accordance with the measurement procedures specified in the Standards & specifications listed above and as indicated in the measurement report number: **C160420E01-EF***

Jeff Fang

Jeff Fang/ EMC Manager
Date: June 2, 2016



程智电子科技（昆山）有限公司
Compliance Certification Services Inc. Kunshan Laboratory



Ref. Certif. No.

JPTUV-072925

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

SYSTEME CEI D'ACCEPTATION MUTUELLE DE
CERTIFICATS D'ESSAIS DES EQUIPEMENTS
ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE**CERTIFICAT D'ESSAI OC**

Product
Produit

Touch computer

Name and address of the applicant
Nom et adresse du demandeur

Elo Touch Solutions, Inc
1033 McCarthy Blvd,
Milpitas, CA 95035, USA

Name and address of the manufacturer
Nom et adresse du fabricant

Elo Touch Solutions, Inc
1033 McCarthy Blvd,
Milpitas, CA 95035, USA

Name and address of the factory
Nom et adresse de l'usine

See additional page(s)

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

19.0Vdc,3.42A (for adapter model: FSP065-REB, ADP-65JH HB)
19.0Vdc,4.74A (for adapter model:ADP-90CE B; FSP090-DIEBN2)
19.0-19.5Vdc,7.7A(for adapter model:FSP150-ABBN2;ADP-150VBB)
Class III
elo

Trademark (if any)
Marque de fabrique (si elle existe)

N/A

Type of Manufacturer's Testing Laboratories used
Type de programme du laboratoire d'essais constructeur

Model / Type Ref.
Ref. de type

ESY15iZ ESY22iZ
(Z = 0-9, A-X or blank, for marketing purpose only)

Additional information (if necessary may also be
reported on page 2)
Les informations complémentaires (si nécessaire,
peuvent être indiqués sur la 2^{ème} page)

For model differences, refer to the test report.

A sample of the product was tested and found
to be in conformity with
Un échantillon de ce produit a été essayé et a été
considéré conforme à la

IEC 60950-1:2005 + A1 + A2
National differences see test report

As shown in the Test Report Ref. No. which forms part
of this Certificate
Comme indiqué dans le Rapport d'essais numéro de
référence qui constitue partie de ce Certificat

50043404 001

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme National de Certification



TÜV Rheinland Japan Ltd.
Global Technology Assessment Center
4-25-2 Kita-Yamata, Tsuzuki-ku
Yokohama 224-0021 Japan
Phone + 81 45 914-3888
Fax + 81 45 914-3354
Mail: info@jpn.tuv.com
Web: www.tuv.com

Dipl.-Ing. D. Loeffler

Date: 08.06.2016

Signature:

CERTIFICATE OF COMPLIANCE

Certificate Number 20160601-E162681
Report Reference E162681-A83-UL
Issue Date 2016-JUNE-01

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)

Touch Computer

Model: ESY15iZ, ESY22iZ (Z=0-9 or A-X or blank, for
marketing purpose)

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

Standard(s) for Safety:

UL 60950-1, (Information Technology Equipment - Safety -
Part 1: General Requirements)
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 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/aboutul/locations/>



Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50347279

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0001

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum <i>Date of Issue</i>
52156871	01-PYL-50046156 001	21.06.2016 (day/mo/yr)

Genehmigungsinhaber *License Holder*
Elo Touch Solutions, Inc
1033 McCarthy Blvd,
Milpitas, CA 95035
USA

Fertigungsstätte *Manufacturing Plant*
Elo Touch Solutions, Inc.
2245 BRIGHTON-HENRIETTA
TOWN LINE RD
ROCHESTER NY 14623
USA

Prüfzeichen *Test Mark*



Regelmäßige
Produktions-
überwachung
Sicherheit
Bauart geprüft

www.tuv.com
ID 1419036283

Geprüft nach *Tested acc. to*

EN 60950-1:2006+A11+A1+A12+A2

Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

Lizenzentgelte - Einheit *License Fee - Unit*

Personalcomputer (Touch Computer)

Type Designation : ESY15iZ , ESY22iZ
(Z=0-9, A-X or blank)

7

Rated Voltage : DC 19.0V; DC 19.0-19.5V

Rated Current : 3.42A or 4.74A; 7.7A

Protection Class : III

Ambient Temperature : 35°C

Max. Operating Altitude : 3048m

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ANLAGE (Appendix) : 1.0

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.
This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com
Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle



Dipl.-Ing. D. Löffler

差出人: aplimgr@vcci.jp
宛先: Masahiro.Tsumura
件名: [VCCI適合確認電子届出]受理証明書
日付: 2016年7月13日 16:42:38

適合確認届出

適合確認届出を受理しました。

届出番号:2016053458
受理番号:2016037796

<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-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-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-ト部

E-mail:masahiro.tsumura@elotouch.com

届出種別:変更

機器の名称:タッチコンピュータ

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

ESY15iZ

ESY22iZ

Z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:

<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:1938 Compliance Certification Services (KunShan) Inc.
試験機関の名称:Compliance Certification Services (KunShan) Inc.
<試験設備等登録番号>
1) 1GHz以下放射妨害波測定設備:R-1600 (10m)
2) 1GHz超放射妨害波測定設備:G-216 (3m)
3) 電源ポート伝導妨害波測定設備:C-1707
4) 通信ポート伝導妨害波測定設備:T-1499
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:2016-05-04
試験成績書番号:2016年5月12日
変更/追加理由:通信ポ-トの記載誤記訂正のため

VCCIコメント:

一般財団法人 VCCI協会
URL : <http://www.vcci.jp/>
E-mail : aplimgr@vcci.jp



中国国家强制性产品认证证书

证书编号: 2016010901893609

委托人名称、地址

Elo Touch Solutions, Inc.
1033 McCarthy Blvd Milpitas, CA 95035, 美国

生产者(制造商)名称、地址

Elo Touch Solutions, Inc.
1033 McCarthy Blvd Milpitas, CA 95035, 美国

生产企业名称、地址

产品名称和系列、规格、型号

触摸电脑

ESY22iZ (Z=0-9, A-X 或空白, 表示不同的销售区域, Z的变化不影响产品的安全性能和电磁兼容性能) 输入
1: 19.0Vdc, 4.74A; 电源适配器(可选): (1) ADP-90CE B; (2) FSP090-DIEBN2; 输入2: 19.0-19.5Vdc,
7.7A; 电源适配器(可选): (1) FSP150-ABBN2; (2) ADP-150VB B; 不带电线组件销售。

产品标准和技术要求

GB4943.1-2011 GB9254-2008(A级) GB17625.1-2012

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: 2016年08月16日

有效期至: 2021年08月16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查询



主任:



中国质量认证中心

中国·北京·南四环西路188号9区 100070
<http://www.cqc.com.cn>

T 20160816142847718



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.:2016010901893609

NAME AND ADDRESS OF THE APPLICANT

Elo Touch Solutions, Inc.
1033 McCarthy Blvd Milpitas, CA 95035, USA

NAME AND ADDRESS OF THE MANUFACTURER

Elo Touch Solutions, Inc.
1033 McCarthy Blvd Milpitas, CA 95035, USA

NAME AND ADDRESS OF THE FACTORY

NAME, MODEL AND SPECIFICATION

Touch Computer

ESY22iZ (Z=0-9, A-X 或空白, 表示不同的销售区域, Z的变化不影响产品的安全性能和电磁兼容性能) 输入
1: 19.0Vdc, 4.74A; 电源适配器 (可选): (1) ADP-90CE B, (2) FSP090-DIEBN2; 输入2: 19.0-19.5Vdc,
7.7A; 电源适配器 (可选): (1) FSP150-ABBN2, (2) ADP-150VB B; 不带电线组件销售。

THE STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS

GB4943.1-2011 GB9254-2008(Class A) GB17625.1-2012

This is to certify that the above mentioned products have met the requirements of implementation rules for
compulsory certification(REF NO. CNCA-C09-01:2014).

Date of issue: Aug.16, 2016

Date of expiry: Aug.16, 2021

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

This certificate can be verified through CNCA 's website: www.cnca.gov.cn



President:

Wang Kejiao



CHINA QUALITY CERTIFICATION CENTRE

Section 9, No. 188, Nansihuan Xilu, Beijing 100070 P. R. China
<http://www.cqc.com.cn>

T 20160816142847718



中国国家强制性产品认证证书

证书编号: 2016010901893619

委托人名称、地址

Elo Touch Solutions, Inc.
1033 McCarthy Blvd Milpitas, CA 95035, 美国

生产者(制造商)名称、地址

Elo Touch Solutions, Inc.
1033 McCarthy Blvd Milpitas, CA 95035, 美国

生产企业名称、地址

产品名称和系列、规格、型号

触摸电脑

ESY15iZ (Z=0-9, A-X 或空白, 表示不同的销售区域, Z的变化不影响产品的安全性能和电磁兼容性能) 输入
1: 19.0Vdc, 3.42A; 电源适配器(可选): (1) FSP065-REB, (2) ADP-65JH HB); 输入2: 19.0Vdc,
4.74A; 电源适配器(可选): (1) ADP-90CE B, (2) FSP090-DIEBN2; 输入3: 19.0-19.5Vdc, 7.7A; 电源适
配器(可选): (1) FSP150-ABBN2, (2) ADP-150VB B; 不带电线组件销售。

产品标准和技术要求

GB4943.1-2011 GB9254-2008(A级) GB17625.1-2012

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: 2016年08月16日

有效期至: 2021年08月16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查询



主任:



中国质量认证中心

中国·北京·南四环西路188号9区 100070

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

T 20160816142854047



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.:2016010901893619

NAME AND ADDRESS OF THE APPLICANT

Elo Touch Solutions, Inc.
1033 McCarthy Blvd Milpitas, CA 95035, USA

NAME AND ADDRESS OF THE MANUFACTURER

Elo Touch Solutions, Inc.
1033 McCarthy Blvd Milpitas, CA 95035, USA

NAME AND ADDRESS OF THE FACTORY

NAME, MODEL AND SPECIFICATION

Touch Computer

ESY15iZ (Z=0-9, A-X 或空白, 表示不同的销售区域, Z的变化不影响产品的安全性能和电磁兼容性) 输入
1: 19.0Vdc, 3.42A ; 电源适配器 (可选): (1) FSP065-REB, (2) ADP-65JH HB; 输入2: 19.0Vdc, 4.74A ; 电源
适配器 (可选): (1) ADP-90CE B, (2) FSP090-DIEBN2; 输入3: 19.0-19.5Vdc, 7.7A ; 电源适配器 (可选
) : (1) FSP150-ABBN2, (2) ADP-150VB B ; 不带电线组件销售。

THE STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS

GB4943.1-2011 GB9254-2008(Class A) GB17625.1-2012

This is to certify that the above mentioned products have met the requirements of implementation rules for compulsory certification(REF NO. CNCA-C09-01:2014).

Date of issue: Aug.16, 2016

Date of expiry: Aug.16, 2021

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

This certificate can be verified through CNCA 's website: www.cnca.gov.cn



President:

Wang Kejiao



CHINA QUALITY CERTIFICATION CENTRE

Section 9, No. 188, Nansihuan Xilu, Beijing 100070 P. R. China
<http://www.cqc.com.cn>

T 20160816142854047

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条例》，经审查，下列无线电发射设备
In accordance with the provisions on the Radio
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: 2016AJ4752
to the provisions with its CMIIT ID:
备注: 该设备使用型号为RTL8821AE;
CMIIT ID为2013AJ7899 00的限制性
非独立操作的无线电发射模块。

有效期: 五年
Validity



Sealed by issuing authority

2016 年 8 月 12 日
Year Month Date

编号: 2016-4752
Number

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

设备型号: ESY22i5
Equipment Type 系列型号: ESYXXXX ("X" = 0-9, A-Z, a-z, -, + 或空格等任意字符)。

主要功能: 数据传输
Main Functions

调制方式: GFSK π/4-DQPSK 8DPSK
Modulation Mode BPSK/QPSK/16QAM/64QAM/256QAM/DBPSK/DQPSK/CCK

主要技术参数及其指标值:
Main Technical Parameters

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

频率容限: < 20ppm
Frequency Tolerance

发射功率: < 33dBm < 20dBm (ETRP)
Transmitting Power

占用带宽: < 80MHz < 40MHz
Occupied Bandwidth < 2MHz

杂散发射限值: < -30dBm
Spurious Emission Limits



Sealed by issuing authority

2016 年 8 月 12 日
Year Month Date