



# 기술문서 Technical Document

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안전인증번호: XU120064-14035A  
(Certificate No)

접수번호: 20140311 - 0041  
(Receipt No)

## 1. 기본모델 · 파생모델의 내용 (General Descriptions of Certified Products)

### 1.1 제품의 설명 (Product description)

인증제품의 개요는 다음과 같다.

(Information on certified basic model product is as follow)

구분(Section)	내용 (Description)
용도 (Normal use)	Notebook PC for use in information technology equipment
내부구조 (Internal construction)	The apparatus consists of Main board, CPU, HDD, ODD, and LCD panel etc..
외부구조 (External construction)	Providing with plastic enclosure having min. V-1 flammability and certified external power supply unit
기타(Others)	Class III

### 1.2 전기용품의 표시: 전기용품안전 관리법 시행규칙 제25조(안전인증의 표시)에 따라 표시한다.

(Marking of KC Mark: Marking shall comply with enforcement rule Article 25 of the Electrical Appliances Safety Control Law)

### 1.3 등록모델 (Registered Models)

구분 (Class)	모델명 및 정격 (Model / Rating)		기본모델과의 차이점 (Difference between basic model and series model)
기본모델 (Basic model)	X453M	19 Vdc, 1.75 A	
파생모델 (Series model)	A453M		Identical to basic model except for model designation
	D453M		Identical to basic model except for model designation
	F453M		Identical to basic model except for model designation
	R413M		Identical to basic model except for model designation
	X403M		Identical to basic model except for model designation



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## 2. 안전관리 부품 및 재질목록(List of Critical Components)

부품명 (Components)	번호 (Part No)	특성 (Technical Data)	제조사 (Manufacturer)	인증규격 (Certification)
Enclosure	(for LCD bezel)-	Type: TN-7000(v) (v) - May be suffixed with any one or two letters except F and T., V-1, thickness 1.0 mm min.	TEIJIN LIMITED RESIN AND PLASTIC	UL
Enclosure	(for LCD bezel)- (alt)	Type: TN-7000(v) (v) - May be suffixed with any one or two letters except F and T., V-1, thickness 1.0 mm min.	TEIJIN CHEMICALS PLASTIC COMPOUNDS SHANGHAI LTD	UL
Enclosure	(for LCD top cover)-	Type: TN-3715B(n1) (n1) - May be suffixed with any letters except Z., V-1, thickness 1.0 mm min.	TEIJIN LIMITED RESIN AND PLASTIC	UL
Enclosure	(for LCD top cover)- (alt)	Type: TN-3715B(n1) (n1) - May be suffixed with any letters except Z., V-1, thickness 1.0 mm min.	TEIJIN CHEMICALS PLASTIC COMPOUNDS SHANGHAI LTD	UL
Enclosure	(for bottom case)-	Type: TN-3715B(n1) (n1) - May be suffixed with any letters except Z., V-1, thickness 1.0 mm min.	TEIJIN LIMITED RESIN AND PLASTIC	UL
Enclosure	(for bottom case)- (alt)	Type: TN-3715B(n1) (n1) - May be suffixed with any letters except Z., V-1, thickness 1.0 mm min.	TEIJIN CHEMICALS PLASTIC COMPOUNDS SHANGHAI LTD	UL
Enclosure	(for top side around keyboard)-	Type: TN-3715B(n1) (n1) - May be suffixed with any letters except Z., V-1, thickness 1.0 mm min.	TEIJIN LIMITED RESIN AND PLASTIC	UL
Enclosure	(for top side around keyboard)- (alt)	Type: TN-3715B(n1) (n1) - May be suffixed with any letters except Z., V-1, thickness 1.0 mm min.	TEIJIN CHEMICALS PLASTIC COMPOUNDS SHANGHAI LTD	UL
Optical Disk Drive	(optional)-	Type: GH9** or Interchangeable, 5Vdc/12Vdc, 2.0A max./ 2.5A max., Laser Class 1	Hitachi-LG Data Storage Inc. or Interchangeable	IEC VDE,UL
HDD	(optional)-	Type: WDUUUUXZ-YYXXYY or Interchangeable, Generic, 3.3Vdc or 5Vdc, 1.5A max.	Western Digital Technology, Inc or Interchangeable	IEC VDE,UL
Rechargeable Li-ion Battery Pack	-	Type: B21N1329, 7.6 Vdc, 4110 mAh	LG Chem.(Nanjing) I&E Materials Co.,Ltd	KC
Power Adapter	-	Type: AD891M21, 100-240 V~, 50/60 Hz, 0.8 A (O/P: 19 Vdc, 1.75 A)	PI Electronics (China Plant)	KC
PCB	-	Rated: V-1 min., 105 °C	UL 796 approved manufacturer	UL
Mother Board	-	Type: X453MA MAIN BOARD	ASUSTek Computer Inc.	-



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부품명 (Components)	번호 (Part No)	특성 (Technical Data)	제조사 (Manufacturer)	인증규격 (Certification)
LCD Panel	-	Rated: 14 inch (LED Backlight)	-	-
DC Fan	-	Type: KSB0505HBA02, 5Vdc, 0.40A max., 2.6 CFM, min.	DELTA ELECTRONICS INC	-
Rechargeable Li-ion Battery Pack	-(alt)	Type: B21N1329(LP21LG142-3), 7.6 Vdc, 4040 mAh	Simplo Technology (Chang Shu) Inc.	KC
Rechargeable Li-ion Battery Pack	-(alt)	Type: B21N1329(LP21LG142Q-3), 7.6 Vdc, 4040 mAh	Simplo Technology (Chong Qing) Inc.	KC
Rechargeable Li-ion Battery Pack	-(alt)	Type: B21N1329, 7.2 Vdc, 4000 mAh	STANDARD (Chongqing) Energy Co.,Ltd	KC
Polyswitch	for HDMI port(F1801) use	Type: SMD1206P150TFT, 6Vdc or 8Vdc, 1.5A	Polytronics Technology Corp.	IEC UL
Polyswitch	for USB port(F5201) use	Type: SMD1206P150TFT, 6Vdc or 8Vdc, 1.5A	Polytronics Technology Corp.	IEC UL
Polyswitch	for USB port(F5502) use	Type: SMD1206P150TFT, 6Vdc or 8Vdc, 1.5A	Polytronics Technology Corp.	IEC UL



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### 3. 전기용품안전인증의 변경현황(Status of Certificate Revisions)

일자(Date)	발급현황(Status of issues)
	변경내용(Modification of Contents)
2014/03/28	자율인증(기본+파생)

### 4. 기타(Carefully Informed Note)

- 1) 안전관리부품 및 재질목록에 기재된 사항은 전기적인 안전에 직접적인 영향을 주는 부분이므로 내용을 변경 또는 복수등재를 원하는 경우 안전인증변경신청을 하여야 합니다. 안전인증변경신청을 하지 않고 제조자가 임의로 변경하는 경우에는 전기용품안전 관리법 제8조제1항제2호에 의거 안전인증이 취소될 수 있습니다.

(Certificate holder should apply for the revision of certificate issued from Issuing Certification Body if registered critical components would be changed, modified or alternated. Should the contents of Certificate are altered without Safety Certification Modification Application by Certificate holder, Safety Certification(KC Mark) may be withdrawn under Section 2, Paragraph 1, Article 8 of the Electrical Appliances Safety Control Law)

- 2) 공장주소(전화번호포함), 대표자, 상호 및 부품변경 등 전기용품 안전인증서의 내용이 변경되었을 때 제조자가 안전인증변경신청을 하지 않을 경우에는 전기용품안전 관리법 제8조제1항제3호에 의거 안전인증이 중지 또는 취소될 수 있습니다.

(If Safety Certification Modification Application by Certificate holder should not has been made to Issuing Certification Body, when Factory Address, including telephone/facsimile no., Manufacturer Name, Registered Critical Components, etc would be changed, Safety Certification(KC Mark) may be suspended or withdrawn under Section 3, Paragraph 1, Article 8 of the Electrical Appliances Safety Control Law)

- 3) 조건부 인증사항 (Conditional certification items):



# 기술문서붙임자료

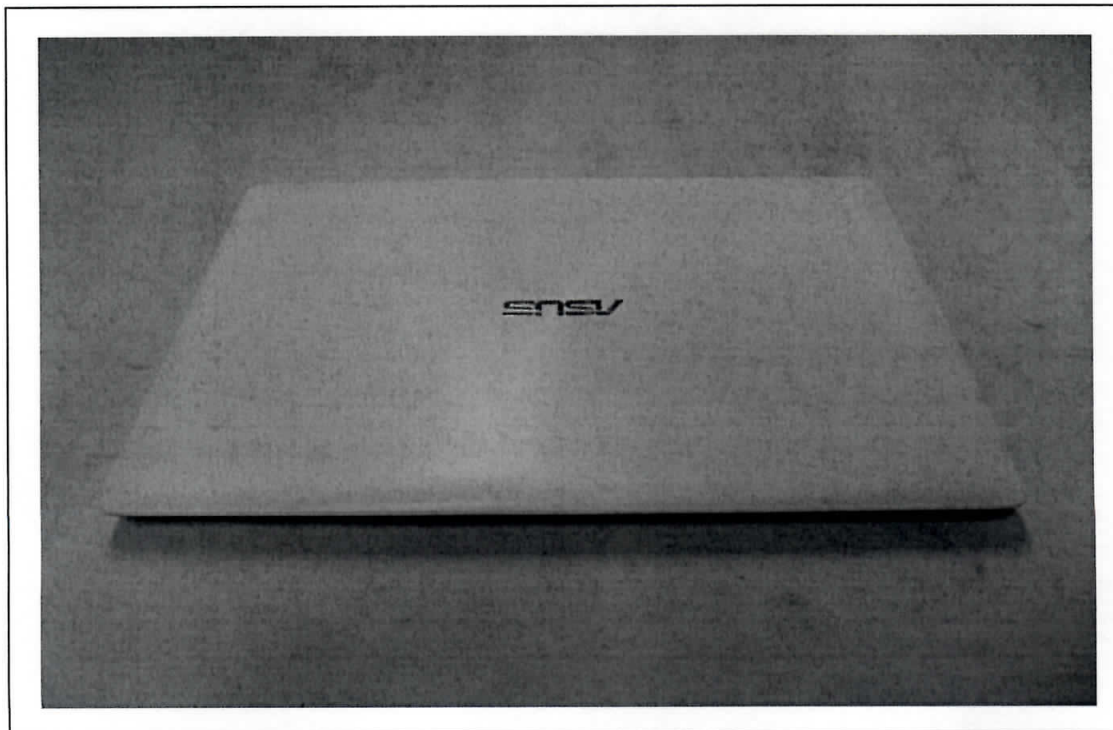
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## No.1 표시사항



## No.2 외부사진(전면)

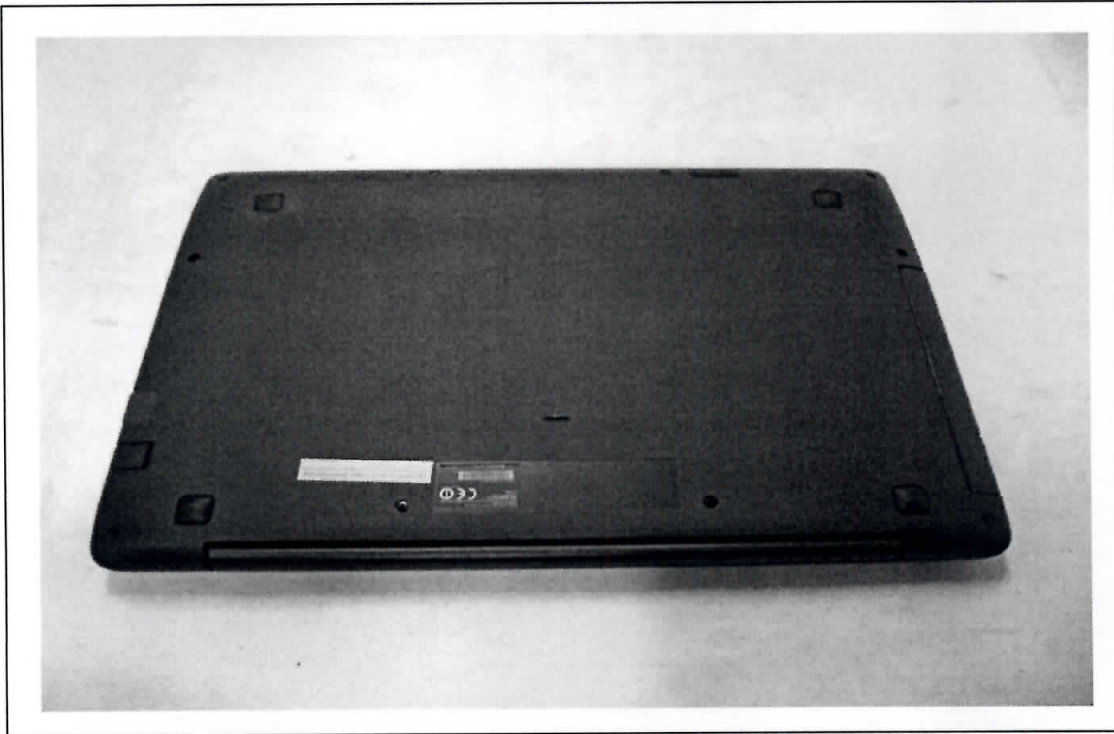


# 기술문서붙임자료

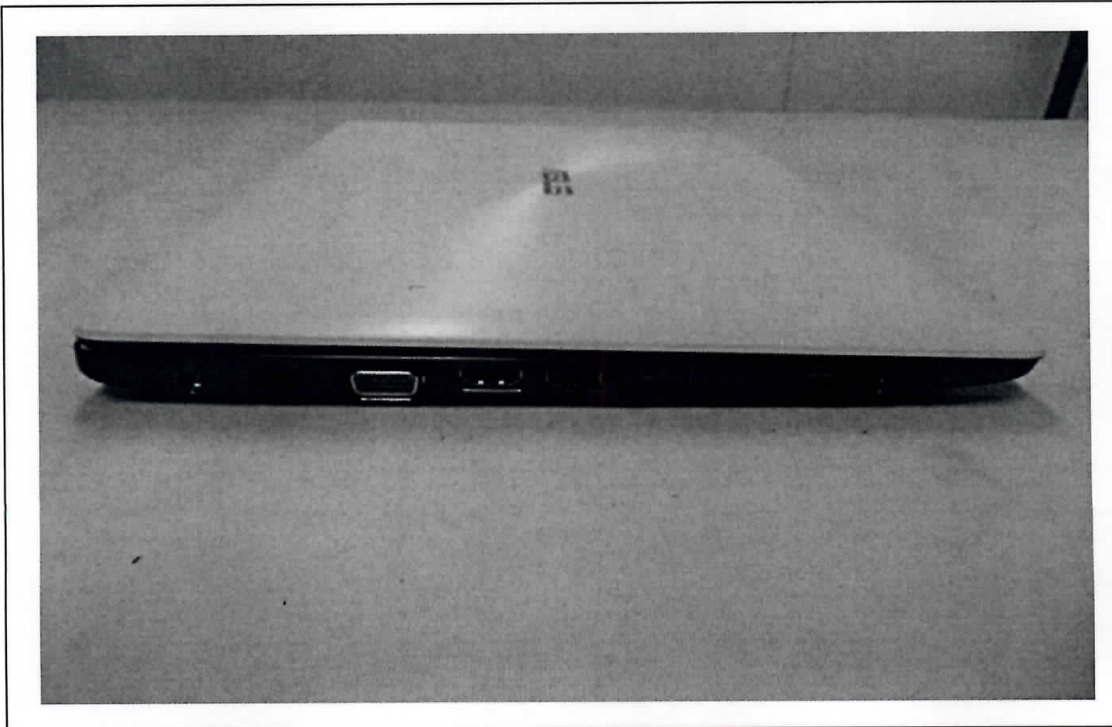
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No.3 외부사진(후면)



No.4 외부사진(측면)



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No.5 내부사진

