

Chromebox Commercial

DE3255
User Guide

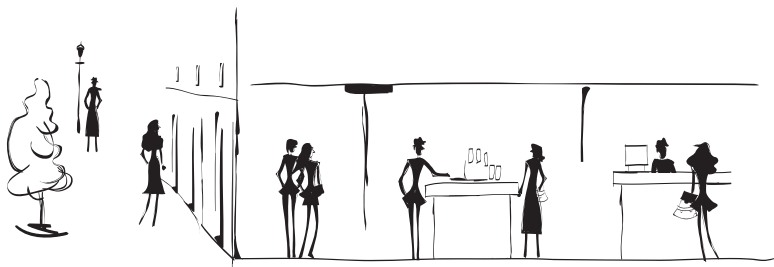
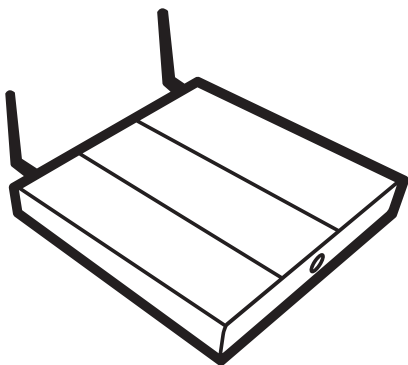


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Disposal Instructions



Disposal Instructions (US)

For better protection of our earth, please don't throw this electronic device into municipal trash bin when discarding. To minimize pollution and ensure utmost protection of the global environment, please recycle the product. For more information about the collection and recycling of Waste Electrical and Electronic Equipment (WEEE), you are invited to visit our homepage at www.aopen.com under "Green Products".

廃棄上の指示

より良い地球保護のために、電子機器を廃棄処分にする時は、ゴミ箱に捨てないで下さい。汚染を最小限に抑え、地球環境の最大限の保護のために、製品をリサイクルして下さい。廃電気電子機器 (WEEE) の回収とリサイクルについての情報は、弊社ホームページ www.aopen.com の "Green Products" (環境に優しい製品) をご覧下さい。

廢棄及回收處理

為了保護環境，請勿將本產品當作一般廢棄物處理。為減少環境污染，維護地球資源，本產品報廢時，請回收本產品。有關收集和回收廢棄電子電氣設備 (WEEE) 的更多信息，請參考我們的網頁 www.aopen.com "綠色產品" 的資訊。

Instruktion til bortskaffelse (Danish)

Af hensyn til vores miljø bedes De ikke bortskaffe denne elektroniske enhed i en almindelig affaldsspand. For at mindske forurening og sikre beskyttelse af miljøet bedes De genbruge produktet. For yderligere information vedrørende indsamling og genbrug af elektronik-affald (Waste Electrical and Electronic Equipment (WEEE)) er De velkommen til at besøge vores website www.aopen.com og læse nærmere under "Green Products".

Verwijderingsinstructie (Dutch)

Om mogelijke schade aan het milieu of de menselijke gezondheid door ongecontroleerde afvalverwijdering te voorkomen, moet u dit elektronisch product scheiden van andere soorten afval en op een verantwoorde manier recyclen. Verwijder dit product dan ook alstublieft niet samen met ander huishoudelijk afval. Voor meer informatie over de verzameling en recycling van elektrisch afval en elektronische apparatuur (WEEE), nodigen we u uit om onze homepage te bezoeken www.aopen.com onder " Green Products ".

Instruction de Disposition (French)

Pour une meilleure protection de la terre, ne jetez pas ce dispositif électronique dans la poubelle municipale lors de la disposition. Pour éliminer la pollution et assurer la plus grande protection de l'environnement global, réutilisez s' il vous plaît le produit. Pour plus d'informations sur la gestion des déchets d' Equipements Electriques et Electroniques (DEEE ou WEEE), vous êtes invité à visiter notre site à www.aopen.com sous " Green Products ".

Entsorgungsanleitung (German)

Zum besseren Schutze unseres Planeten, schmeissen Sie elektrische Geräte bitte nicht in öffentliche Mülleimer. Zur Verringerung der Verschmutzung und zur Sicherstellung grösstmöglichen Schutzes der Umwelt recyceln Sie bitte das Produkt. Für mehr Informationen zum Sammeln und Recyceln von elektrischen und elektronischen Müll (WEEE) besuchen Sie bitte unsere Homepage unter www.aopen.com unter dem Punkt " Green Products ".

Istruzioni per lo smaltimento (Italian)

Per una migliore salvaguardia del nostro pianeta, si prega di non gettare questo dispositivo elettronico nei normali rifiuti al momento dell'eliminazione. Per ridurre al minimo l'inquinamento ed assicurare la massima protezione dell'ambiente, si prega di riciclare il prodotto. Per maggiori informazioni riguardanti la raccolta ed il riciclaggio delle apparecchiature elettriche ed elettroniche residue (WEEE), siete invitati a visitare la nostra homepage www.aopen.com alla voce " Green Products ".

Instruksjoner for Resirkulering og Oppsamling (Norwegian)

For å beskytte vår planet, kast ikke dette elektroniske utstyret sammen med vanlig avfall. For å beskytte vår natur og miljø, vennligst resirkuler dette produktet. For mer informasjon om oppsamling og resirkulering i henhold til Waste Electrical and Electronic Equipment (WEEE), se vår hjemmeside på www.aopen.com under "Green Products".

REEE - Programa de Tratamento de Resíduos de Equipamentos Eléctricos e Electrónicos (Portuguese)

Para melhor protecção ambiental do nosso planeta terra, não coloque o dispositivo electrónico no receptáculo de lixo municipal. Para minimizar a poluição e garantir protecção máxima do ambiente global, recicle o produto. Para mais informações sobre acerca da recolha e reciclagem de Equipamento Eléctrico e Electrónico (WEEE), convidamos-lhe a visitar nossa página na Internet em www.aopen.com sobre "Green Products".

Instrucciones para depositar los productos electrónicos (Spanish)

Para proteger mejor el medio ambiente, por favor, no deposite los productos electrónicos en los contenedores de basura tradicionales. Para reducir la contaminación y proteger el medio ambiente se recomienda que los recicle. Para más información acerca de dónde depositar y cómo reciclar Equipos Electrónicos y Desperdicios Electrónicos (WEEE), por favor, visite la página web www.aopen.com y entre en la sección Productos Ecológicos ("Green Products").

Kassering (Swedish)

För att bättre värna om vår jord bör denna elektroniska utrustning ej kasseras tillsammans med vanligt avfall. För att minimera mängden föroreningar och så långt som möjligt skydda den globala miljön bör produkten återvinnas. För vidare information om insamling och återvinning av uttjänta elektriska och elektroniska produkter (Waste Electrical and Electronic Equipment, WEEE), besök avsnittet "Green Products" på vår hemsida, www.aopen.com.

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Chrome, Chromebox and Chromebase
are Registered trademarks of Google Inc.

1. Safety Instructions

1. Please read these safety instructions carefully.
2. Please keep this User's Manual for reference.
3. Please disconnect this equipment from its power source before cleaning. Don't use liquid or sprayed detergent for cleaning. Use a lightly moistened sheet or cloth for cleaning.
4. Make sure the equipment is connected to the power source with the correct voltage, frequency and amperage.
5. All cautions and warnings on the equipment should be noted and followed.
6. Never pour any liquid into any opening of this equipment; this could cause fire or electrical shock.
7. Never disassemble the equipment. For safety reasons, the equipment should only be handled by qualified service personnel.
8. If one of the following situations arises, get the equipment checked by service personnel:
 - a. Liquid has penetrated into the equipment.
 - b. The equipment has been exposed to moisture.
 - c. The equipment has not worked well or you cannot get it to work according to user's manual.
 - d. The equipment has been dropped and damaged.
 - e. The equipment has obvious signs of breakage.
9. Caution on use of battery: Use the battery recommended by the manufacturer or the same type of battery installed by the manufacturer. If the incorrect battery is used, it may cause an explosion or can present a fire hazard. Recycle or discard used batteries according to the manufacturer's instruction or your local authority.

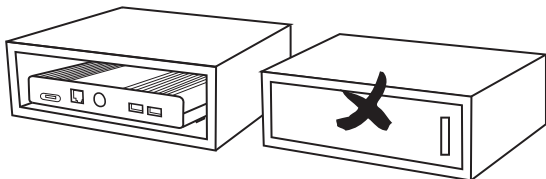


ATTENTION! Danger d'explosion
lorsque la batterie est remplacée de
façon incorrecte.

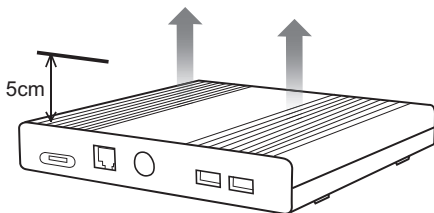
10. Ambient operating temperature for this equipment is: 0 ~ 40 degrees Celsius. (32~104 degrees Fahrenheit)

Risk of Overheating!

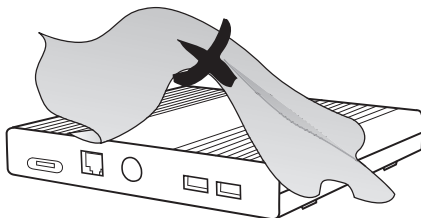
- a. Do not install Chromebox Commercial in an enclosed space.



- b. Be sure the heat sink that is on the top side of the Chromebox Commercial has at least 2 inches or 5 cm of clear space for heat radiation.



- c. Do not place any objects on the top side of Chromebox Commercial.



FCC notice

This device has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the Federal Communications Commission (FCC) Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the device and receiver.
- Connect the device into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for help.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Notice: Shielded cables

All connections to other computing devices must be made using shielded cables to maintain compliance with FCC regulations.

Notice: Peripheral devices

Only peripherals (input/output devices, terminals, printers, etc.) certified to comply with Class B limits may be attached to this equipment. Operation with non-certified peripherals is likely to result in interference to radio and TV reception.

Caution

Changes or modifications not expressly approved by the manufacturer could void the user's authority, which is granted by the FCC, to operate this computer.

Operation conditions

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Notice: Canadian users

This Class B digital apparatus complies with Canadian ICES-003.
This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le

brouillage est susceptible d'en compromettre le fonctionnement.

This device complies with RSS 247 of Industry Canada. This Class B device meets all the requirements of the Canadian interference-causing equipment regulations.

Cet appareil numérique de la Classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

IC Radiation Exposure Statement

This equipment complies with IC RSS-102 radiation exposure limit set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

Déclaration d'exposition à la radiation : Cet équipement respecte les limites d'exposition aux rayonnements IC définies pour un environnement non contrôlé. Cet équipement doit être installé et mis en marche à une distance minimale de 20 cm qui sépare l'élément rayonnant de votre corps.

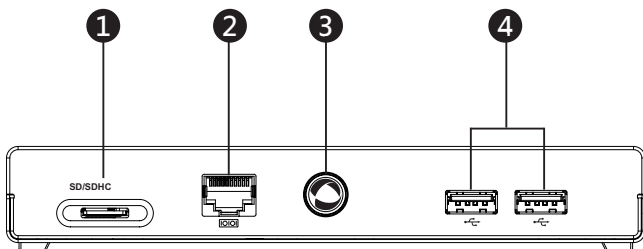
L'émetteur ne doit ni être utilisé avec une autre antenne ou un autre émetteur ni se trouver à leur proximité.

2. Packing List

- ✓ 1 x AOPEN Chromebox Commercial DE3255
- ✓ 1 x User Guide
- ✓ 2 x Dual Band Wi-Fi Antenna
- ✓ 1 x 65W Adapter
- ✓ 1 x Power Cord
- ✓ 1 x "L" Type Holder with 4 pcs of M3 Screw
- ✓ 1 x DC-in Jack Holder
- ✓ 1 x Warranty Card

3. Outlook

3.1 Front of Unit



1. Micro SD card reader:

This memory card slot can support MicroSD/MicroSDHC.

2. RJ50 RS232 port:

This 10pin RJ50 jack supports the standard RS232 interface, you can use a RJ50 to D-Sub9 cable (optional) to connect to RS232 interface.

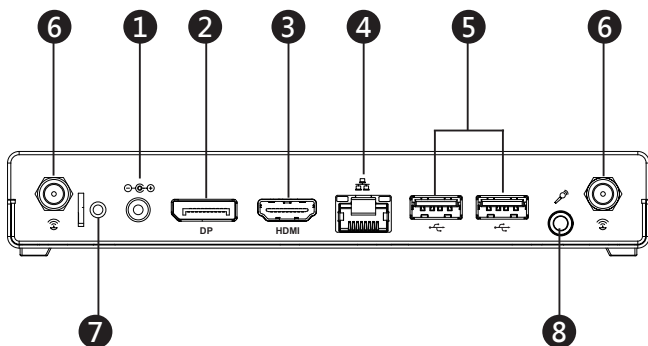
3. Power button:

Pressing this button can power the device On/Off, press and hold the Power button for 4 seconds until the device shuts down. The LED is blue when the device is powered. Power Led: Blue, HDD Led: Green.

4. USB2.0 ports:

These two USB ports are compliant with the USB2.0 High Speed specification.

3.2 Rear of Unit



1. DC in jack:

Use the included DC19V power adapter to power the unit.

2. DisplayPort:

DisplayPort is a digital display interface developed by the Video Electronics Standards Association (VESA). A compatible LCD panel display is typically connected to this port. And it didn't support Dual-mode Displayport.

3. HDMI:

High-Definition Multimedia Interface is a proprietary audio/video interface for transferring uncompressed video data and compressed or uncompressed digital audio data to an HDMI-compliant sink device. A compatible LCD panel display is typically connected to this port.

4. RJ45 LAN port:

This standard RJ45 jack supports Gigabit Ethernet for a local network connection.

5. USB2.0 ports:

These two USB ports are compliant with the USB2.0 High Speed specification.

6. RP-SMA female antenna connector:

For connection to the on-board Wi-Fi/ BlueTooth module. Two dual band antennas are included in the box.

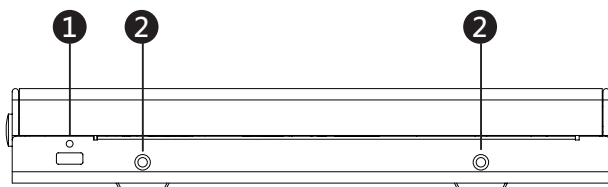
7. Screw hole for DC in jack clamp:

You can use the DC-in jack holder to affix the DC jack and reduce the risk of the cable accidentally being removed.

8. Audio phone jack:

This audio phone jack can be used to connect to an earphone/ speaker and an external microphone.

3.3 Left Side



1. Kensington Lock port :

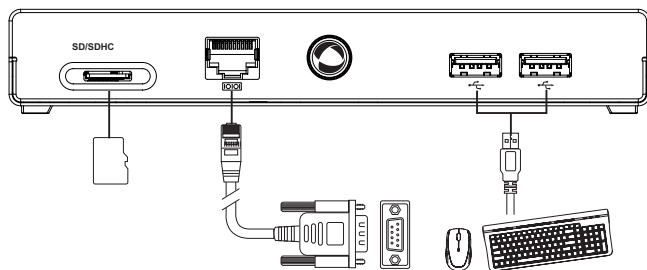
Kensington lock is an anti-theft system to protect your device.

2. Screw hole :

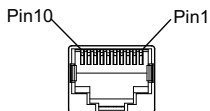
M3 screw hole for a bracket.

3.4 Connection Block Diagram

Front



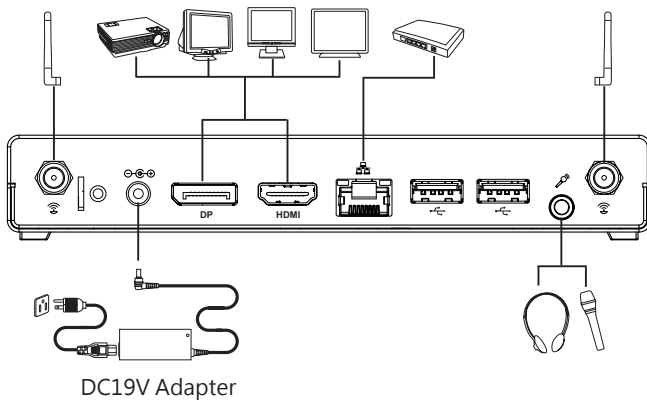
RJ45 to RS232 (9 pin) cable (optional)



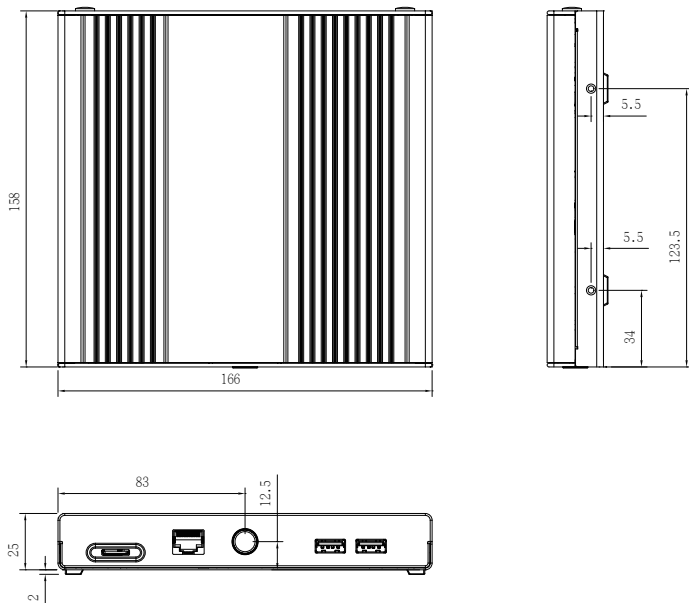
RJ50 Pin Definition

RJ50 pin#	2	4	6	8	9	3	5	7	10	1
Signal	DCD	RX	TX	DTR	GND	DSR	RTS	CTS	RI	N/A

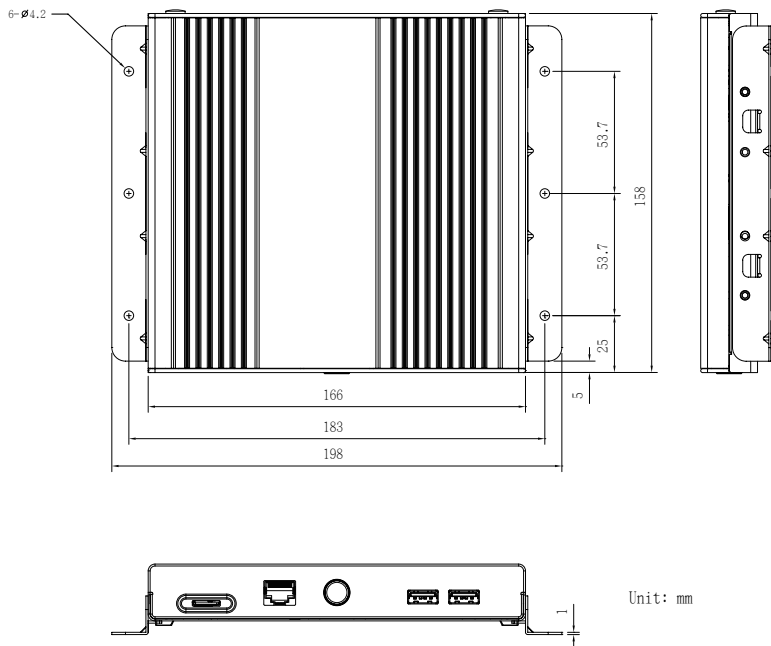
Rear



3.5 Dimension of device



3.6 Dimension of device with bracket



4. Declaration



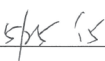
Declaration of Conformity

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Responsible Party Name:	AOPEN Inc.
Address:	5F., No.15, Ln. 128, Sinhu 1st Rd., Neihu District, Taipei City 114, Taiwan R.O.C.
Phone/Fax No:	+886-2-7710-1195/+886-2-7710-1187
Product Name:	Chromebox Commercial
Model Name:	DE3255

We, AOPEN Inc., hereby declare that the above product and model was tested conforming to the applicable FCC Rules.

Signature: 
Print Name: J.H. Chen
Title: G.M. of DAS Unit

Date: 

www.aopen.com

Declaration of Conformity

We,

AOPEN Inc.

5F., No.15, Ln. 128, Sinhu 1st Rd., Neihu District, Taipei City 114, Taiwan
R.O.C.

Declares under our sole responsibility that the product:

Product Name:

Chromebox Comercial

Model Name:

DE3255

To which this declaration relates is in conformity with the following standards or other normative documents:

EN300328 V1.8.1

EN301489-1 V1.9.2/-17 V2.2.1

EN301893 V1.7.1

EN55022:2010+AC:2011 Class B

EN55024:2010

EN61000-3-2:2006+A1:2009+A2:2009 ; EN61000-3-3:2013

EN61000-4-2:2009/-3:2006+A1:2008+A2:2010/-4:2012/-5:2006/-6:2014

/-8:2010/-11:2004

EN60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013

Regulation (EC) No. 617/2013

We, AOPEN Inc., hereby declare that the above product and model was tested conforming to the applicable Rules of EMC Directive 2004/108/EC, Low Voltage Directive 2006/95/EC, R&TTE Directive 1995/5/EC, RoHS Directive 2011/65/EU and Directive 2009/125/EC for energy-related product.

Year to begin affixing CE marking 2015



Signature: _____

J.H. Chen

Print Name: J.H. Chen

Title: G.M. of DAS Unit

Date: _____

5/5/15

www.aopen.com

5. Contact Information

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6. Chrome Care

Please contact your authorised reseller or authorised distributor in the first instance for all warranty queries.

For direct AOPEN Care in regard to AOPEN chrome products please see below:

Australia/ News Zealand
chromecare-au@aopen.com

Americas - including South America, Canada
chromecare-usa@aopen.com

Europe
chromecare-eu@aopen.com

Japan
chromecare-jp@aopen.com

Asia - Africa
chromecare-asia@aopen.com

All other areas: chromecare-global@aopen.com

Part No.:
Doc. No.: 157-028-001