



Intel® Aero Compute Board

Thank you for purchasing the Intel® Aero Compute Board!

Box Contents:

- Compute Board with Intel® Atom Processor and heat spreader
- AC-DC power adapter and cable
- USB 2.0 OTG cable
- 80 pin accessories connector cable
- WiFi antenna x 2
FPC antenna
Max. Gain: 2.4GHz 3.89 dBi
5GHz B1 4.76 dBi / 5GHz B3 4.64 dBi

For quick start guides, troubleshooting tips, and more information, please visit our website:

www.intel.com/aero/compute-board





Intel® Aero Compute Board

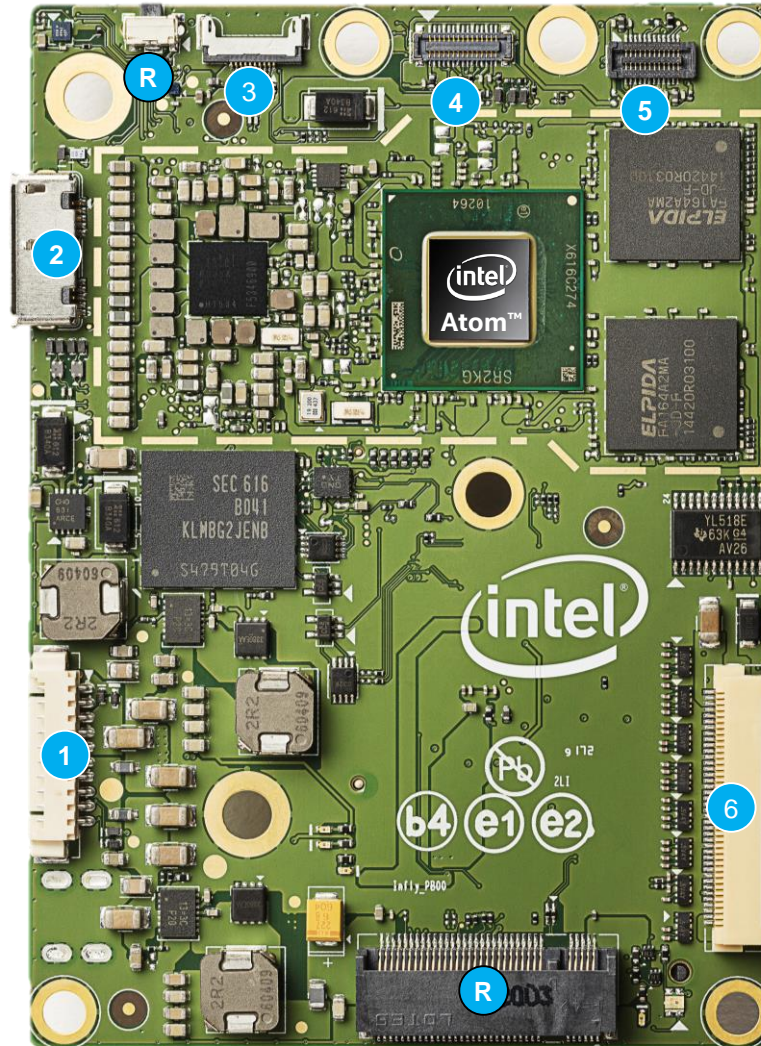
Get Started

1. Connect a keyboard and mouse through the USB port. A USB hub may be required.
2. Connect the board to a display through the micro-HDMI port.
3. Connect the power supply.
4. Linux* will automatically boot within 60 seconds.

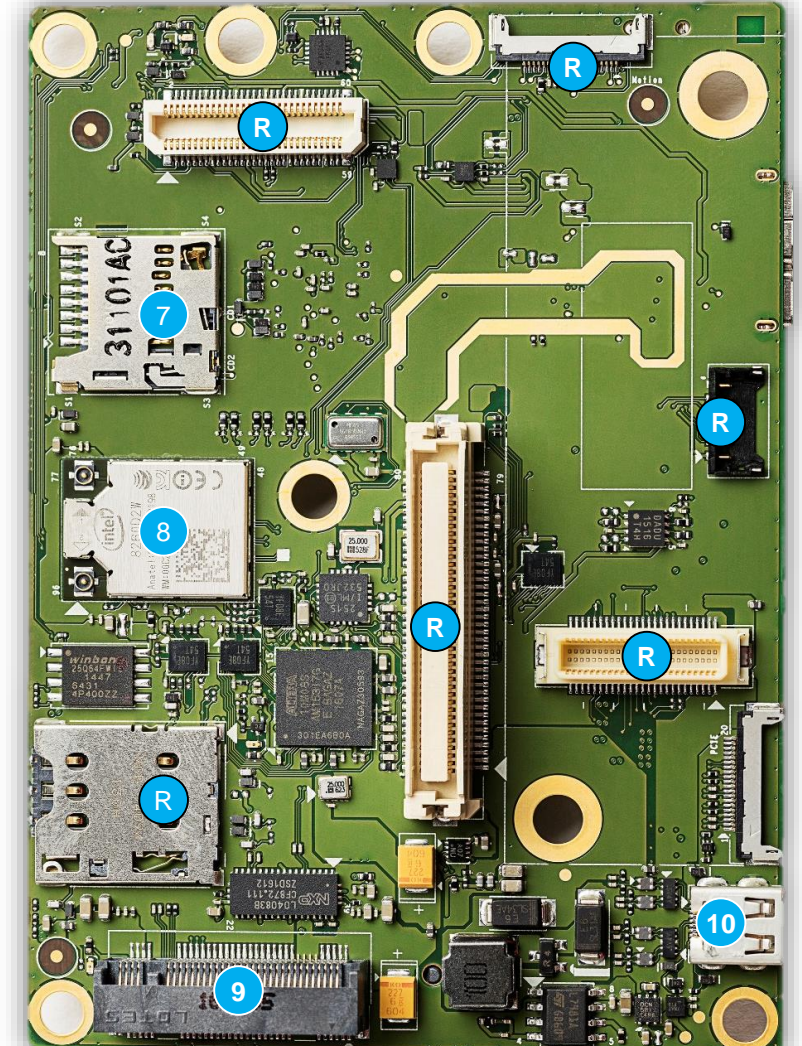


For more information, please visit the WIKI
<https://github.com/intel-aero/meta-intel-aero/wiki>

- | | |
|----|---|
| 1 | Power |
| 2 | USB 3.0 OTG |
| 3 | Interface for Intel® RealSense™ camera (R200) ¹ |
| 4 | 4 lane MIPI* interface for high res camera ¹ |
| 5 | 1 lane MIPI* interface for VGA Camera ¹ |
| 6 | 80 pin flexible I/O supports 3 rd party flight controller and accessories (I ² C, SPI, USB, UART, GPIOs) ² |
| 7 | microSD* Memory Card Slot |
| 8 | Intel® Dual Band Wireless-AC with 2 SMA connectors |
| 9 | M.2 Interface for PCIe SSD |
| 10 | Micro HDMI port |
| R | RESERVED for future use |



Top View



Bottom View

* Other names and brands may be claimed as the property of others.

¹ Included in the Vision Accessory Kit (sold separately)

² Expansion cable included

INTEL® AERO COMPUTE BOARD

FCC Statement (USA): This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment 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 equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: 1) Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver. 2) Connect the equipment to an outlet on a circuit different from that to which the receiver is connected. 3) Consult the dealer or an experienced radio or television technician for help. 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.

Exposure to Radio Frequency Radiation - This product is defined as a mobile device as "a transmitting device designed to be used in other fixed locations and to generally be used in such a way that a separation distance of at least 20 cm is normally maintained between the transmitter's radiating structure(s) and the body of the user or nearby persons." This product is intended to be installed into a vehicle such that the unit is physically secured at one location. The transmitting antenna should be installed so there is at least 20 cm of separation between the body of the user and nearby person and the antenna.

This device must not be co-located or operating in conjunction with any other antenna or transmitter. Cet équipement est conforme avec l'exposition aux radiations ISED définies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé à une distance minimum de 20 cm entre le radiateur et votre corps. Cet émetteur ne doit pas être co-localisées ou opérant en conjonction avec une autre antenne ou transmetteur.

FCC requires the user to be notified that any changes or modifications made to this device that are not expressly approved by manufacture, may void the user's authority to use the device

Canada Notice:

The device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems. Le fonctionnement sur la bande 5,15–5,25Ghz est limité à une utilisation intérieure uniquement.

This device complies with Industry Canada license-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.

Industry Canada ICES-003 Compliance Label: CAN ICES-3 (*) / N MB -3 (*)

Labeling Requirements for the Host device

The host device shall be properly labeled to identify the modules within the host device. The certification label of the module shall be clearly visible at all times when installed in the host device, otherwise the host device must be labeled to display the FCC ID and IC of the module, preceded by the words "Contains transmitter module", or the word "Contains", or similar wording expressing the same meaning, as follows:


Contains FCC ID: 2AB8ZAERO

Contains IC: 1000X-AERO

Europe (CE Declaration of Conformity):

This product complies with the Low Voltage Directive 2014/35/EU; EMC Directive 2014/30/EU, EU Directive R&TTE Directive 1999/5/EC, and RoHS Directive 2011/65/EU.

Point of contact: Intel Corporation, Attn: Corporate Quality, 2200 Mission College Blvd., Santa Clara, CA 05054 USA.

 "In the EU, this symbol means that this product must not be disposed of with household waste. It is your responsibility to bring it to a designated collection point for the recycling of waste electrical and electronic equipment. For more information, please contact your local waste collection center or your point of purchase of this product."

BG – Европа (CE Декларация за съответствие) : Този продукт е в съответствие с Директива за ниско напрежение 2014/35 / ЕС ; Директива EMC 2014/30 / ЕС , Директива на ЕС за научни & TTE директива 1999/5 / ЕО и Директива RoHS 2011/65 / ЕС . Лице за контакт : Intel Corporation , На вниманието на: Корпоративна Quality , 2200 Mission College Blvd., Санта Клара , Калифорния 95054 USA .

CS - Evropa (CE prohlášení o shodě) : Tento produkt je v souladu se směrnicí o nízkém napětí 2014 /35 / EU; Směrnice EMC 2014/30 / EU , směrnice EU R & TTE Směrnice 1999 /5 / ES a směrnice RoHS 2011/65 / EU Styčný bod : Intel Corporation , K rukám : Corporate Quality , 2200 Mission College Blvd., Santa Clara , CA 95054 USA .

DA - Europa (CE overensstemmelseserklæring) : Dette produkt overholder Lavspændingsdirektivet 2014/35 / EU ; EMC-direktiv 2014/30 / EU , EU-direktiv R & TTE-direktiv 1999/5 / EF , og RoHS direktiv 2011 / 65 / EU Kontaktpunkt : Intel Corporation , Att : Corporate Kvalitet,2200 Mission College Blvd. , Santa Clara , CA 95054 USA

DE - Europa (CE verklaring van conformiteit) : Dit product voldoet aan de laagspanningsrichtlijn 2014/35/ EU ; EMC-richtlijn 2014/30 / EU , EU -richtlijn R & TTE-richtlijn 1999/5 / EC , en de RoHS-richtlijn 2011/65 /EU Aanspreekpunt : Intel Corporation , tav Corporate Quality 2200 Mission College Blvd. , Santa Clara , CA 95054 USA .

GR - Ευρώπης (Δήλωση συμμόρφωσης κατά CE) : Αυτό το προϊόν συμμορφώνεται με την Οδηγία Χαμηλής Τάσης 2014/35 / ΕΕ ? Οδηγία EMC Οδηγία 2014/30 / ΕΕ , ΕΕ Οδηγίας R & TTE 1999/5 / ΕΚ και την

οδηγία RoHS 2011/65 / ΕΕ . Σημείο επαφής : Intel Corporation , Υπόψη : Εταιρική Ποιότητα , 2200 Mission College Blvd. , Santa Clara , CA 95054 USA .

ES – Europa (Declaración de conformidad CE) : Este producto cumple con la Directiva de Baja Tensión 2014/35 / UE ; Directiva EMC 2014/30 / UE , la Directiva de la UE R & TTE 1999/5 / CE y la Directiva RoHS 2011/65 / UE . Punto de contacto : Intel Corporation , Atención : Calidad Corporativa , 2200 Mission College Blvd. , Santa Clara , CA 95054 EE.UU. .

ET - Euroopa (CE vastavusdeklaratsioon) : See toode vastab Madalpinge direktiiv 2014/35 / EL ; EMC direktiivi 2014/30 / EL , EU direktiivi R & TTE direktiivi 1999/5 / EÜ ja RoHS direktiivi 2011 / 65 / EL . Kontaktisik : Intel Corporation , Teadmiseks Corporate kvaliteet , 2200 Missioon College puisteed , Santa Clara , CA 95054 USA.

FI - Europe (CE Vaatimustenmukaisuusvakuutus) : Tämä tuote on pienjännitedirektiivin 2014/35 / EU ; EMC-direktiivi 2014/30 / EU , EU-direktiivin R & TTE-direktiivin 1999/5 / EY , ja RoHS direktiivin 2011 / 65 / EU .

Yhteyspiste : Intel Corporation , Att : Corporate Quality , 2200 Mission College Blvd. , Santa Clara , CA 95054 USA .

FR - Europe (Déclaration de conformité CE) : Ce produit est conforme à la / 35 / UE Directive Basse Tension 2014; Directive CEM 2014/30 Directive / UE , la directive R & TTE UE 1999/5 / CE et la

directive RoHS 2011/65 / UE . Point de contact: Intel Corporation , Attn: Corporate Quality , 2200 Mission College Blvd., Santa Clara , CA 95054 USA

HR - Europa (CE deklaracija o usklađenosti) : Ovaj proizvod je u skladu s Direktivom o niskom naponu 2014 /35 / EU; EMC Directive 2014/30 / EU , EU Direktiva R & TTE 1999 /5 / EC , a RoHS Directive 2011 /65 / EU . Osoba za kontakt: Intel Corporation , Prima: Corporate Quality , 2200 Mission College Blvd. , Santa Clara , CA 95054 USA .

HU - Európa (CE megfelelőségi nyilatkozat) : Ez a termék megfelel az alacsony feszültségre vonatkozó 2014/35 / EU ; EMC irányelv 2014/30 / EU , EU-irányelv R & TTE 1999/5 / EK irányelv , valamint RoHS szőló 2011 /65 / EU . Érintkezési pont : Intel Corporation , figyelmébe vállalati minőségi , 2200 Mission College Blvd., Santa Clara , CA 95054 USA.

IS – Evrópa (CE Samræmisfyrirlýsing) : Þessi vara er í samræmi við Low Voltage tilskipun 2014 /35 / ESB ; EMC tilskipun 2014/30 / ESB , EU tilskipun R & TTE tilskipun 1999/5 / EC , og RoHS tilskipun 2011/65 / EU .

Snertipunktur : Intel Corporation , Bt : Corporate Quality , 2200 Mission College Blvd. , Santa Clara , CA 95054 USA .

IT – Europa (Dichiarazione di conformità CE) : Questo prodotto è conforme alla Direttiva Bassa Tensione 2014/35 / UE ; Direttiva EMC 2014/30 Direttiva / UE , Direttiva UE R & TTE 1999 / 5 / CE , e della direttiva RoHS 2011/65 / UE . Punto di contatto : Intel Corporation , All'attenzione di : Qualità Aziendale , 2200 Mission College Blvd. , Santa Clara , CA 95054 Stati Uniti d'America

LV - Europa (CE atitikties deklaracija) : Šis produkts atitinka Žemos jtampos direktyva 2014 /35 / ES; EMS direktyva / ES , ES direktyva R & TTE direktyvos 2014/30 1999/5 / EB , ir RoHS atitikties Direktyvos 2011/ 65 / ES . Kontaktinis punktas : "Intel Corporation" , Attn: Firmos kokybė, 2200 Misija kolegija Blvd., Santa Clara , CA 95054 , JAV.

LT - Europe (CE atbilstības deklarācija) : Šis produkts atbilst Zemsprieguma direktīva 2014 / 35 / ES; EMC Direktīvu 2014/30 / ES , ES Direktīva R & TTE Direktīvas 1999/5 / EK , un RoHS Direktīva 2011/65 / ES . kontaktpersona : Intel Corporation , 2200 Mission College Blvd. , Santa Clara , CA 95054 USA Attn: Corporate Quality

NL - Europa (CE verklaring van conformiteit) : Dit product voldoet aan de laagspanningsrichtlijn 2014/35 / EU ; EMC-richtlijn 2014/30 / EU , EU –richtlijn R & TTE-richtlijn 1999/5 / EC , en de RoHS-richtlijn 2011/65 / EU , Aanspreekpunt : Intel Corporation , tav Corporate Quality , 2200 Mission College Blvd. , Santa Clara , CA 95054 USA

NO - Europa (CE -samsvarserklæring) : Dette produktet er i samsvar med lavspenningsdirektivet 2014/35 / EU ; EMC -direktiv 2014/30 / EU , EU -direktiv R & TTE -direktivet 1999/5 / EC , og RoHS -direktiv 2011/65 / EU . Kontakt: Intel Corporation , Attn : Corporate Quality , 2200 Mission College Blvd. , Santa Clara , CA 95054 USA

PL - Europa (Deklaracja zgodności CE) : Ten produkt jest zgodny z dyrektywą niskich napięć 2014 /35 / UE ; Dyrektywa EMC / UE , Dyrektywa Unii Europejskiej R & TTE 2014/30 1999/5 / WE oraz dyrektywą RoHS 2011/65 / UE . Punkt kontaktowy : Intel Corporation , do kontaktów: Corporate Jakości , 2200 Mission College Blvd. , Santa Clara , CA 95054 USA .

RO - Europa (Declarația de conformitate CE) : Acest produs este în conformitate cu Directiva de joasă tensiune cu 2014 / 35 / UE ; Directiva EMC cu 2014 / 30 / UE , Directiva R EU & TTE 1999/5 / CE și Directiva RoHS 2011/65 / UE . Punct de contact : Intel Corporation , Attn : Calitate Corporate , 2200 Mission College Blvd. Santa Clara , CA 95054 Statele Unite ale Americii

SK - Európa (CE vyhlásenie o zhode) : Tento produkt je v súlade so smernicou o nízkom napätí 2014/35 / EÚ ; Smernica EMC 2014/30 / EÚ , smernice EÚ R & TTE smernice 1999/5 / ES a smernice RoHS 2011/65 / EÚ . Styčný bod : Intel Corporation , Do rúk : Corporate Quality , 2200 Mission College Blvd. , Santa Clara , CA 95054 USA .

SL - Evropa (CE izjava o skladnosti) : Ta izdelek je skladen z nizki napetosti 2014 / 35 / EU ; Direktiva

Direktiva EMC 2014/30 / EU , direktiva EU R & TTE 1999/5 / ES in Direktive RoHS 2011/65 / EU .

Kontaktna točka : Intel Corporation , V vednost : Corporate kakovosti , 2200 Mission College Blvd. , Santa Clara , CA 95054 USA .

SV - Europa (CE försäkran om överensstämmelse) : Denna produkt uppfyller lågspänningsdirektivet 2014/35 / EU ; EMC-direktivet 2014/30 / EU , EU-direktiv R & TTE-direktivet 1999/5 / EG , och RoHS direktiv 2011 / 65 / EU . Point of kontakta: Intel Corporation , Attn : Corporate Quality , 2200 Mission College Blvd., Santa Clara , CA 95054 USA .

GRM - Europa (CE -Konformitätserklärung) : Dieses Produkt entspricht der Niederspannungsrichtlinie 2014/35 / EU ; EMV-Richtlinie 2014/30 / EU , der EU-Richtlinie R & TTE-Richtlinie 1999/5 / EG und RoHS Richtlinie 2011 /65 / EU . Ansprechpartner : Intel Corporation , Attn : Corporate Quality , 2200 Mission College Blvd., Santa Clara , CA 95054 USA .

ML - Ewropa (Dikjarazzjoni KE ta 'Konformità) : Dan il-prodott huwa konformi mad- Direttiva ta' Vultaġġ Baxx 2014/35 / UE ; Direttiva EMC 2014/30 / UE , id-Direttiva tal-UE R & TTE 1999/5 / KE , u RoHS Direttiva 2011 / 65 / UE . Punt ta ' kuntatt : Intel Corporation , Attn : Kwalità Korporattiva , 2200 Missjoni Kulleġġ Blvd. , Santa Clara , CA 95054 USA .

Japan notices

この装置は、クラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。
取扱説明書に従って正しい取り扱いをして下さい。 VCCI-B

この機器の使用周波数帯では、電子レンジ等の産業・科学・医療用機器のほか工場の製造ライン等で使用されている移動体識別用の構内無線局（免許を要する無線局）及び特定小電力無線局（免許を要しない無線局）が運用されています。

- 1 この機器を使用する前に、近くで移動体識別用の構内無線局及び特定小電力無線局が使用されていないことを確認して下さい。
- 2 万一、この機器から移動体識別用の構内無線局に対して電波干渉の事例が発生した場合には、速やかに使用周波数を変更するか又は電波の発射を停止した上、下記連絡先にご連絡頂き、調査対応のための措置等（例えば、パーティションの設置など）についてご相談して下さい。
- 3 その他、この機器から移動体識別用の特定小電力無線局に対して電波干渉の事例が発生した場合は、速やかに下記のご連絡先へお問い合わせ下さい。

連絡先：日本エレクトロニクス株式会社 TEL: 0120-014121

5 GHz帯を使用する特定無線設備（802.11a相当）は屋内使用に限られています。この機器を屋外で使用することは電波法で禁じられています。

Australia/New Zealand:

