UTC-515/520
Startup Manual

UTC-515/520 Appearance



Front View

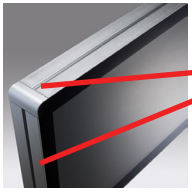


Rear View

*Please use only VESA compatible mounting – Detailed floor stand & wall mount datasheet available to download at Advantech website.







For more information on this and other Advantech products, please visit our website at:

http://www.advantech.com

http://www.advantech.com/eplatform

For technical support and service, please visit our support website at:

http://www.advantech.com/support

This manual is for the UTC-515/520 Rev.A1.

Part No. 2048C51500 1st Edition,
Printed in Taiwan May 2024

Packing List

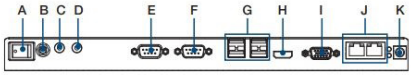
Before installation, ensure that the following items are included with the product:

- 1 x Panel PC
- 1 x UTC-515/520 startup manual
- 1 x Power adapter
- 2 x bags of accessory screws and antenna brackets (3 bags for UTC-515/520I-PE and J-PE and BTB0E models)

If any of the above items are missing or damaged, contact your distributor or sales representative immediately.

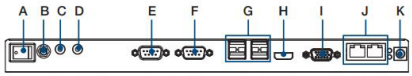
I/O Ports

UTC-515D



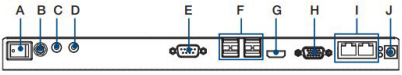
A. Power switch
B. Antenna Port
C. Line-out
D. Mic-in
E. COM2
F. COM1
G. USB 3.0 x 2, USB 2.0 x 2 (UTC-515E/F)
USB 3.0 x 1, USB 2.0 x 3 (UTC-515D)
H. HDMI
I. VGA
J. LAN Ports x 2
K. DC Input

UTC-515G



A. Power switch
B. Antenna Port
C. Line-out
D. Mic-in
E. COM2
F. COM1
G. USB 3.0 x 2, USB 2.0 x 2
H. HDMI
I. VGA
J. LAN Ports x 2
K. DC Input

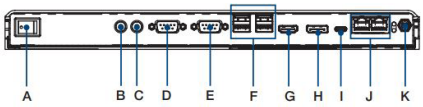
UTC-515H



A. Power switch
B. Antenna Port
C. Line-out
D. Mic-in
E. COM2
F. USB 3.1 x 4
G. HDMI
H. COM1
I. LAN Ports x 2
J. DC Input

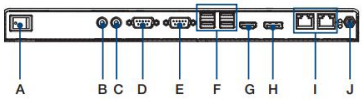
I/O Ports (Cont.)

UTC-515I



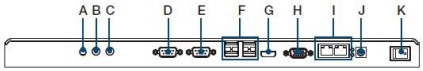
A. Power Switch
B. Line-out
C. Mic-in
D. COM2
E. COM1
F. USB 3.2 x 4
G. HDMI
H. DP
I. USB Type-C
J. Lan ports x 2
K. DC input

UTC-515J



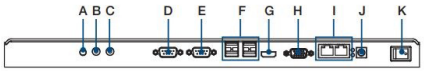
A. Power Switch
B. Line-out
C. Mic-in
D. COM2
E. COM1
F. USB 3.2 x 4
G. HDMI
H. DP
I. Lan ports x 2
J. DC input

UTC-520D



A. Antenna Port
B. Line-out
C. Mic-in
D. COM2
E. COM1
F. USB 3.0 x1, USB 2.0 x 3
G. HDMI
H. VGA
I. LAN Ports x 2
J. DC Input
K. Power switch

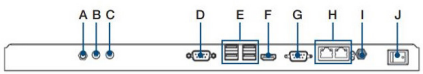
UTC-520G



A. Antenna Port
B. Line-out
C. Mic-in
D. COM2
E. COM1
F. USB 3.0 x 2, USB 2.0 x 2
G. HDMI
H. VGA
I. LAN Ports x 2
J. DC Input
K. Power switch

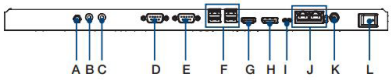
I/O Ports (Cont.)

UTC-520H



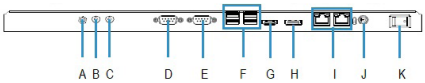
A. Antenna port
B. Line-out
C. Mic-in
D. COM2
E. 4 x USB 3.1
F. HDMI
G. COM1
H. 2 x LAN
I. DC-in
J. Power switch

UTC-520I



A. Antenna Port
B. Line-out
C. Mic-in
D. COM2
E. COM1
F. USB 3.2 x 4
G. HDMI
H. DP
I. USB type c
J. LAN Ports x 2
K. DC input
L. Power Switch

UTC-520J



A. Antenna Port
B. Line-out
C. Mic-in
D. COM2
E. COM1
F. USB 3.2 x 4
G. HDMI
H. DP
I. LAN Ports x 2
J. DC input
K. Power Switch

Manufacturer:

ADVANTECH Co., Ltd.http://www.advantech.com

製造商/制造商：研華股份有限公司/研华股份有限公司

生產商/生产商：研華股份有限公司林口廠/研华股份有限公司林口厂

Easy Setup

Power On Computer

1. Connect an adaptor with input voltage rated 12V/7A for all UTC-520 and UTC-515G/H/I/J SKUs.
2. Be sure always handle the power cords by holding the plugs ends only. Please refer to I/O Ports section above to find the DC/AC inlet and power switch.
3. Press Power On/Off. The PWR LED will turn green

Install Optional Modules

1. Attach the UTC-peripheral to the side groove.
2. Fasten the 2 screws to fix the peripheral in place.
3. Connect the cable to an I/O port (USB).
4. Choose a location to place cable clamp and attach cable to it for simplify cable routing

Safety Instructions

1. Read these safety instructions carefully.
   Veuillez lire attentivement ce manuel d'instructions de sécurité.
2. Retain this startup manual for future reference.
   Veuillez conserver ce manuel d'instructions pour référence ultérieure.
3. Disconnect the equipment from all power outlets before cleaning. Use only a damp cloth for cleaning. Do not use liquid or spray detergents.
   Débranchez l'appareil de toutes les prises de courant avant le nettoyage. Nettoyez-le uniquement à l'aide d'un chiffon humide. Ne pas utiliser de détergents liquides ou pulvérisateurs.
4. For pluggable equipment, the power outlet socket must be located near the equipment and easily accessible.
   Pour les appareils enfichables, la prise de courant doit être placée près de l'appareil et facilement accessible.
5. Protect the equipment from humidity.
   Protégez l'appareil contre l'humidité.
6. Place the equipment on a reliable surface during installation. Dropping or letting the equipment fall may cause damage.
   Placez l'appareil sur une surface fiable pendant l'installation. L'abandon ou la chute de l'appareil pourrait causer des dommages.
7. The openings on the enclosure are for air convection. Protect the equipment from overheating. Do not cover the openings.
   Les ouvertures du boîtier sont pour la convection d'air. Protégez l'appareil contre la surchauffe. Ne couvrez pas les ouvertures.
8. Ensure that the voltage of the power source is correct before connecting the equipment to a power outlet. The power outlet socket should have a ground connection.
   Assurez-vous que la tension de la source d'alimentation est correcte avant de connecter l'appareil à une prise de courant. La prise de courant doit avoir une bonne connexion mise à la terre.
9. Position the power cord away from high-traffic areas. Do not place anything over the power cord.
   Placez le cordon d'alimentation à l'écart des zones à fort trafic. Ne placez rien sur le cordon d'alimentation.

Safety Instructions (Cont.)

10. All cautions and warnings on the equipment should be noted.
    Attention à toutes les précautions et avertissements indiqués sur l'appareil.
11. If the equipment is not used for a long time, disconnect it from the power source to avoid damage from transient overvoltage.
    Si l'appareil n'est pas utilisé pendant une longue période, déconnectez-le de la source d'alimentation pour éviter les dommages causés par une surtension transitoire.
12. Never pour liquid into an opening. This may cause fire or electrical shock.
    Ne versez jamais de liquide dans une ouverture. Sinon, cela pourrait provoquer un incendie ou un choc électrique.
13. Never open the equipment. For safety reasons, the equipment should be opened only by qualified service personnel.
    N'ouvrez jamais l'appareil. Pour des raisons de sécurité, l'appareil ne doit être ouvert que par un technician qualifié.
14. If one of the following occurs, have the equipment checked by service personnel:
    Si l'un des cas suivants se produit, demandez aide à un technicien qualifié:

- The power cord or plug is damaged.
  Le cordon d'alimentation ou la fiche est endommagé.
- Liquid has penetrated the equipment.
  Le liquide a pénétré dans l'appareil.
- The equipment has been exposed to moisture.
  L'appareil a été exposé à l'humidité.
- The equipment is malfunctioning or does not function according to the user manual.
  L'appareil est défectueux ou ne fonctionne pas conformément aux instructions.
- The equipment has been dropped or damaged.
  L'appareil a été abandonné et endommagé.
- The equipment shows obvious signs of breakage.
  L'appareil montre des signes évidents de rupture.

CAUTION! To prevent shock. Do not remove cover. No user serviceable parts inside. Refer servicing to qualified personnel.



ATTENTION! Pour eviter les chocs.Ne pas retirer le couvercle.Aucune piece reparablepar l'utilisateur. Pour l'entretien,adressez-vous aux personnes qulifiees,s.v.p.



注意! 产品避免撞击。勿自行拆卸机壳。机台内部无客户可自行处理的部分。若有问题请洽询专业人员。



警告使用者：

使用過度恐傷害視力。

使用 30 分鐘請休息 10 分鐘。

未滿 2 歲幼兒不看螢幕，2 歲以上每天看螢幕不要超過 1 小時。