

Safety Manual

GSC-7153W-CPAE GSC-7153W-C3AE Computer

15.6" Panel PC

Safety Information

Read these instructions carefully, and look at the equipment to become familiar with the device before trying to install, operate, service, or maintain it. The following special messages may appear throughout this documentation or on the equipment to warn of potential hazards or to call attention to information that clarifies or simplifies a procedure.

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

AVERTISSEMENT indique une situation dangereuse qui, si elle n'est pas évitée, pourrait entraîner la mort ou des blessures graves.

CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

ATTENTION indique une situation dangereuse qui, si elle n'est pas évitée, pourrait entraîner des
ou blessure modérée.

Declaration of Conformity

CE

This product has passed the CE test for environmental specifications when shielded cables are used for external wiring. We recommend the use of shielded cables. This kind of cable is available from Advantech. Please contact your local supplier for ordering information.

CE

This product has passed the CE test for environmental specifications. Test conditions for passing included the equipment being operated within an industrial enclosure. In order to protect the product from being damaged by ESD (Electrostatic Discharge) and EMI leakage.

FCC Class A

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Safety Instructions

1. Read these safety instructions carefully.
2. Keep this User Manual for later reference.
3. Disconnect this equipment from any AC outlet before cleaning. Use a damp cloth. Do not use liquid or spray detergents for cleaning.
4. For plug-in equipment, the power outlet socket must be located near the equipment and must be easily accessible.
5. Keep this equipment away from humidity.
6. Put this equipment on a reliable surface during installation. Dropping it or letting it fall may cause damage.
7. The openings on the enclosure are for air convection. Protect the equipment from overheating. **DO NOT COVER THE OPENINGS.**
8. Make sure the voltage of the power source is correct before connecting the equipment to the power outlet.
9. Position the power cord so that people cannot step on it. Do not place anything over the power cord.
10. All cautions and warnings on the equipment should be noted.
11. If the equipment is not used for a long time, disconnect it from the power source to avoid damage by transient overvoltage.
12. Never pour any liquid into an opening. This may cause fire or electrical shock.
13. Never open the equipment. For safety reasons, the equipment should be opened only by qualified service personnel.
 - If one of the following situations arises, get the equipment checked by service personnel:
 - The power cord or plug is damaged.
 - Liquid has penetrated into the equipment.
 - The equipment has been exposed to moisture.
 - The equipment does not work well, or you cannot get it to work according to the user's manual.
 - The equipment has been dropped and damaged.
 - The equipment has obvious signs of breakage.
14. **DO NOT LEAVE THIS EQUIPMENT IN AN ENVIRONMENT WHERE THE STORAGE TEMPERATURE MAY GO BELOW -20° C (-4° F) OR ABOVE 60° C (140° F). THIS COULD DAMAGE THE EQUIPMENT. THE EQUIPMENT SHOULD BE IN A CONTROLLED ENVIRONMENT.**
15. **CAUTION: DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED. REPLACE ONLY WITH THE SAME OR EQUIVALENT TYPE RECOMMENDED BY THE MANUFACTURER, DISCARD USED BATTERIES ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.**
ATTENTION: DANGER D'EXPLOSION SI LA BATTERIE EST INEXACTEMENT REMPLACÉE. REMPLACEZ SEULEMENT AVEC LA MÊME CHOSE OU LE TYPE ÉQUIVALENT RECOMMANDÉ PAR LE FABRICANT, JETTENT LES BATTERIES UTILISÉES INSTRUCTIONS DE S SELON FABRICANT DES'

16. The sound pressure level at the operator's position according to IEC 704-1:1982 is no more than 70 dB (A).DISCLAIMER: This set of instructions is given according to IEC 704-1. Advantech disclaims all responsibility for the accuracy of any statements contained herein.
17. This product is intended to be supplied by an UL certified power adapter rated 19 Vdc, 4.74 A, Tma 40 degree C, if need further assistance, please contact Advantech for further information.
18. Ensure that the voltage of the power source is correct before connecting the equipment to a power outlet. By means of a power cord connected to a socket-outlet with earthing connection.
Assurez-vous que la tension de la source d'alimentation est correcte avant de connecter l'équipement à la prise de courant. Au moyen d'un cordon d'alimentation connecté à une prise de courant avec mise à la terre.
19. Caution: The earthing wire of the protective earthing conductor shall be green-and-yellow, 20AWG/0.5mm² minimum.
Attention: Le fil de terre du conducteur de protection doit être vert et jaune, 20AWG/0.5mm² minimum.

Safety Precaution - Static Electricity

Follow these simple precautions to protect yourself from harm and the products from damage.

- To avoid electrical shock, always disconnect the power from your PC chassis before you work on it. Don't touch any components on the CPU card or other cards while the PC is on.
- Disconnect power before making any configuration changes. The sudden rush of power as you connect a jumper or install a card may damage sensitive electronic components.

Battery Information

Batteries, battery packs and accumulators should not be disposed of as unsorted household waste. Please use the public collection system to return, recycle, or treat them in compliance with the local regulations.



Data backup

CAUTION: Back up your data on external storage media. We do not accept any liability for claims for compensation arising from the loss of data or any consequential damages incurred.

ATTENTION: sauvegardez vos données sur un support de stockage externe. Nous n'acceptons aucune responsabilité pour les demandes d'indemnisation découlant de la perte de données ou de tout dommage consécutif encouru.

Transport

In order to avoid any transport damage, always pack the PC in its original packaging.

ENERGY STAR

ENERGY STAR is the government-backed symbol for energy efficiency, providing simple, credible, and unbiased information that consumers and businesses rely on to make well-informed decisions. Thousands of industrial, commercial, utility, state, and local organizations—including about 40% of the Fortune 500®—partner with the U.S. Environmental Protection Agency (EPA) to deliver cost-saving energy efficiency solutions that improve air quality and protect the climate. Since 1992, ENERGY STAR and its partners helped American families and businesses save more than 4 trillion kilowatt-hours of electricity and achieve over 3.5 billion metric tons of greenhouse gas reductions, equivalent to the annual emissions of more than 750 million cars. In 2018 alone, ENERGY STAR and its partners helped Americans avoid \$35 billion in energy costs.

For more information, please visit www.energystar.gov

GSC-7153W series

List of default power management systems

Backlight 75%

Display off: 15 minutes

Sleep mode: 30 minutes

Specifications

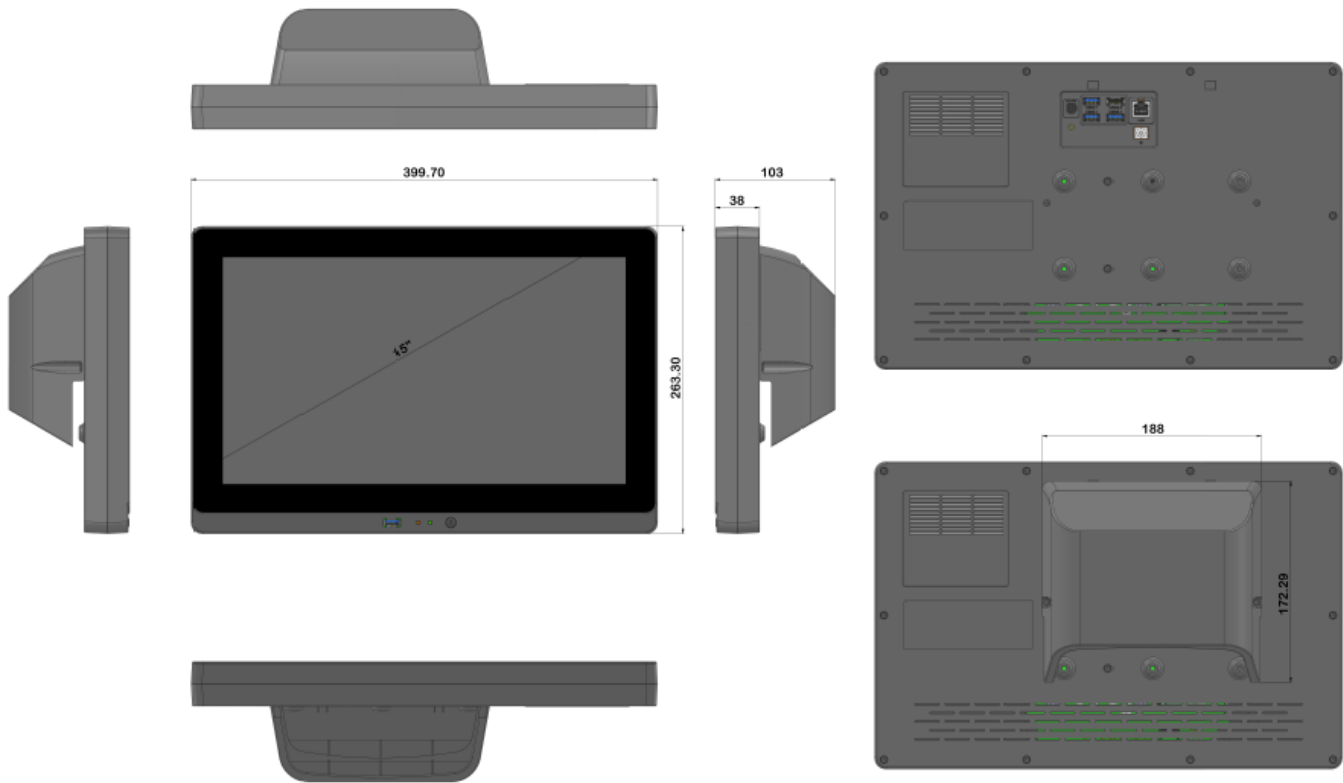
General Specifications

Product	GSC-7153W-CPAE	GSC-7153W-C3AE
LCD Specification	15.6", consumer-grade	
Max. Resolution	1366 x 768	
Weight	2.5 kg	
Dimensions	399.7 x 263.3 x 38 mm; 399.7 x 263.3 x 103 mm (with VESA cover)	
CPU	Intel Pentium G7400TE 3.0G 35W, Alder Lake	Intel i3-13100TE 2.4G 35W, Raptor Lake
Chipset	Intel® UHD Graphics 710	Intel® UHD Graphics 730
Memory	8GB DDR5	
Storage	M.2 SATAIII SSD 2280 256GB	
Network (LAN)	2.5 x Gigabit Ethernet ports	
OS Support	Windows 11 IoT Enterprise LTSC	
Mounting	Supports VESA mounting	
Power Adapter	ADP A/D 100-240V 90W 19V W/PFC C6 DC PLUG 180°	

Environmental Specifications

Operating Temperature	0 ~ 40°C
Storage Temperature	-20 ~ 40°C
Relative Humidity	10 ~ 95% @ 40°C (Non-condensing)
Ratings	19Vdc, 4.74A

Dimensions



1. Fixed VESA screw specification: M4 x 4
Screws depth: 12 mm.
2. Fixed VESA cover screw specification: M3 x 2
Screws depth: 10 mm.

WARNING: Use only the screws supplied to attach the PC to the VESA mount. Screws longer than 12mm **MUST NOT** be used as they can damage the internal components of the PC.

AVERTISSEMENT: utilisez uniquement les vis fournies pour fixer le PC au support VESA. Les vis de plus de 12 mm **NE DOIVENT PAS** être utilisées car elles peuvent endommager les composants internes du PC.

