



# Personal Computer User Guide for **GDT 9600 series**



V1

## **Disposal Instruction (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.

## **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.

## **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 recycleren. Verwijder dit product dan ook alstublieft niet samen met ander huishoudelijk afval.

## **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.

**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.

**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.

**Instruksjoner for Resirkulering og Oppsamling (Norwegian)**

For í beskytte vór planet, kast ikke dette elektroniske utstyret sammen med vanlig avfall. For í beskytte vór natur og miljő, vennligst resirkuler dette produktet.

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

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.

**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.

**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.



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## **Safety Instructions**

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



10. Safety caution concerning laser products:

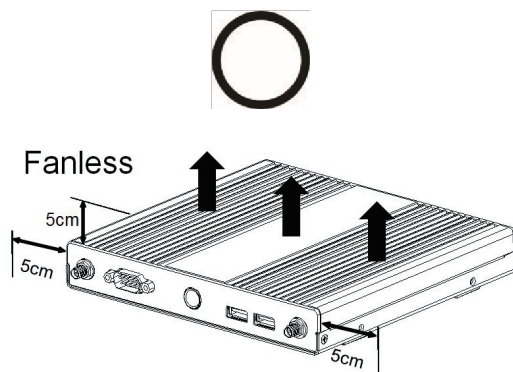
DVD-ROM/CD-RW combo drive is "Class I Laser Product" This equipment, built with DVD and/or CD disc drives using laser beam to read or write data on optical discs, is classified as "Class 1 laser product".

While the laser optical drive is reading data from or writing data to an optical disc, do not force open the disc drive door. Press the Eject button to retrieve the optical disc only after the in-use indicator goes off.

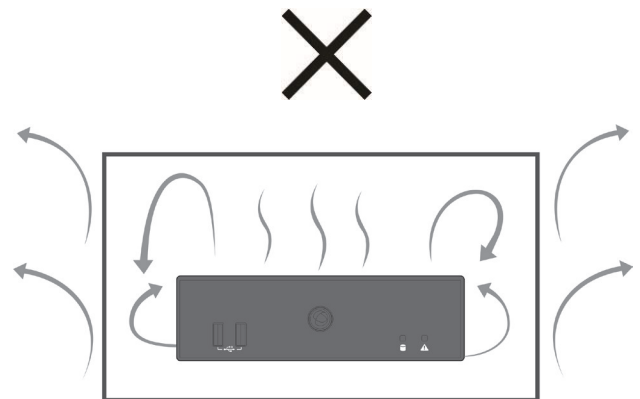
11. Ambient operation temperature: 0 ~ 40 degrees C.

12. Risk of overheating!

- Do not install GDT 9600 in a closed space. Be sure the ventilation holes in the GDT 9600 side for at least 1 to 2 inches or 2 to 5 cm of space for ventilation. To ensure that other objects do not cover the ventilation holes on GDT 9600.



In right side and rear side keep space at least 5cm



Don't put operating device inside closed space.

## 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 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

**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 Federal Communications Commission, 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

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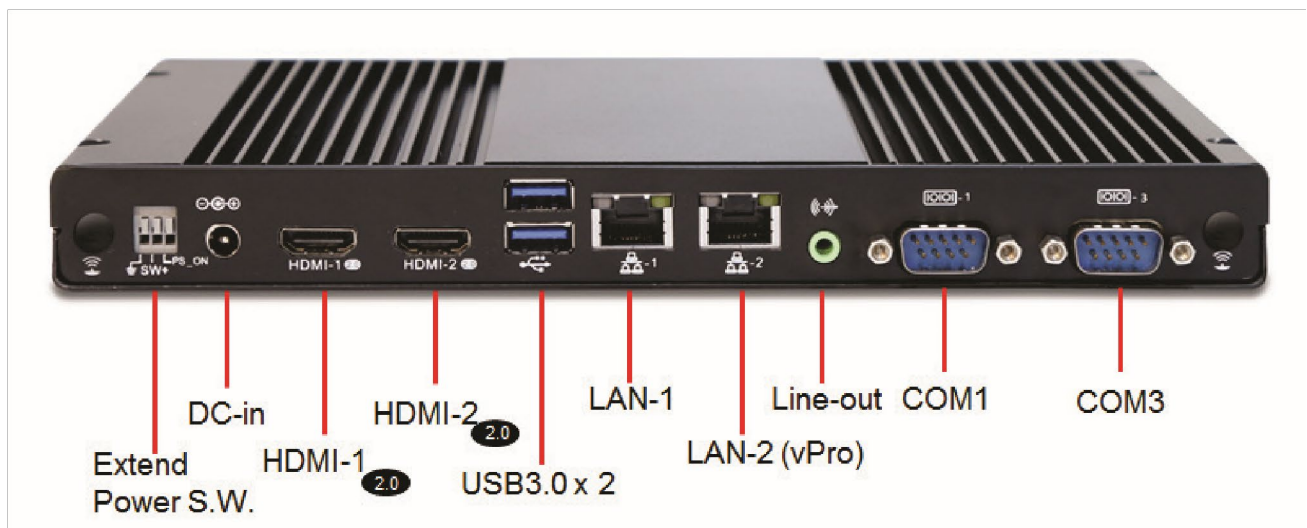
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# 1. Outlook

## Front IO



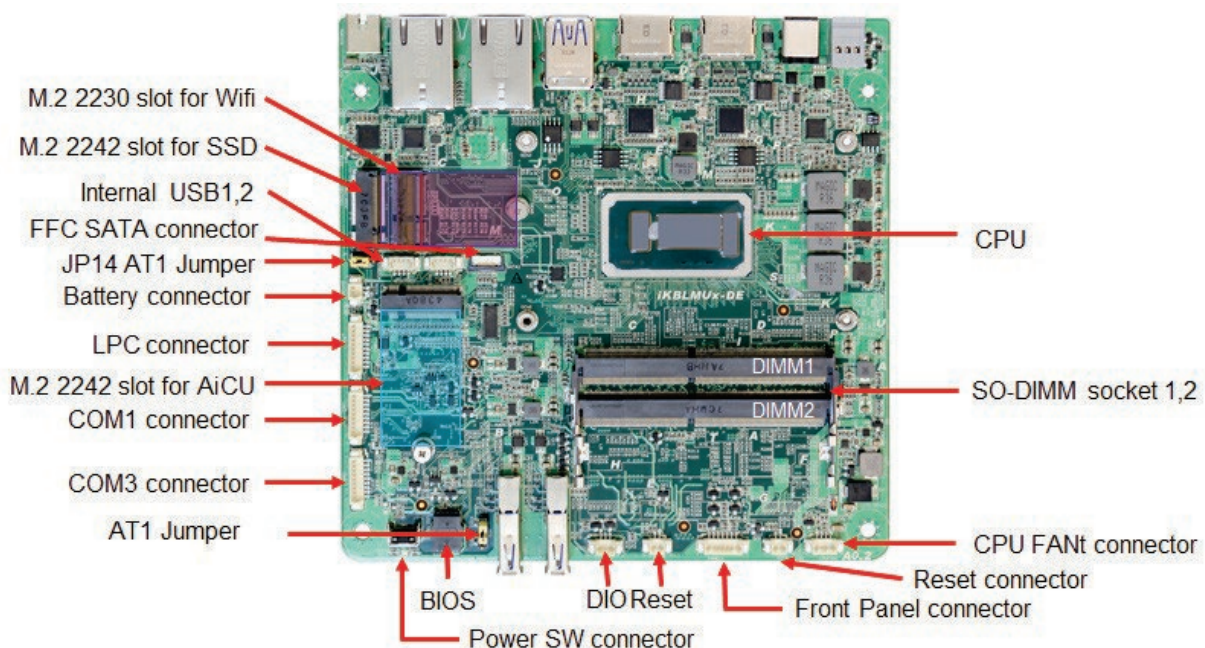
## Rear IO



## 2. Product Specification

|                       |                                                                                                                                                  |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CPU</b>            | Intel 7th Gen Kaby Lake U Core i processor TDP ≤15W                                                                                              |
| <b>Chipset</b>        | NA                                                                                                                                               |
| <b>Memory</b>         | Dual Channel Mode, SO-DIMM DDR4 x 2, 2133MHz, Max memory size: 32GB                                                                              |
| <b>Graphics</b>       | Intel HD Graphics 610 / 620                                                                                                                      |
| <b>Expansion Slot</b> | M.2 2230 x 1(key E for wifi), M.2 2242 x 1(key B for SSD)<br>M.2 2242 x 1(key B for AiCU)                                                        |
| <b>Audio</b>          | Realtek ALC269Q HD Audio CODEC on-Board.                                                                                                         |
| <b>LAN</b>            | Intel GIGA LAN x 2 (i210AT/i219LM)                                                                                                               |
| <b>Front Panel IO</b> | Power Button x 1 (with Power indicator (Blue), HDD indicator (Blue) x 1,<br>USB 3.0 Port x 2                                                     |
| <b>Rear Panel IO</b>  | DC 19V Jack x 1, HDMI 2.0 Port x 2, RJ45 LAN Jack x 2, USB 3.0 Port x 2, RS232 Serial Port x 2, HD Audio ports (Line out x 1), extend power S.W. |
| <b>Adapter</b>        | 65W (19V, 3.42A) AC Power Adapter, 90W (19V, 4.74A) AC Power Adapter (option)                                                                    |
| <b>Input Voltage</b>  | AC 100 ~ 240V                                                                                                                                    |

## 3. Internal Connectors

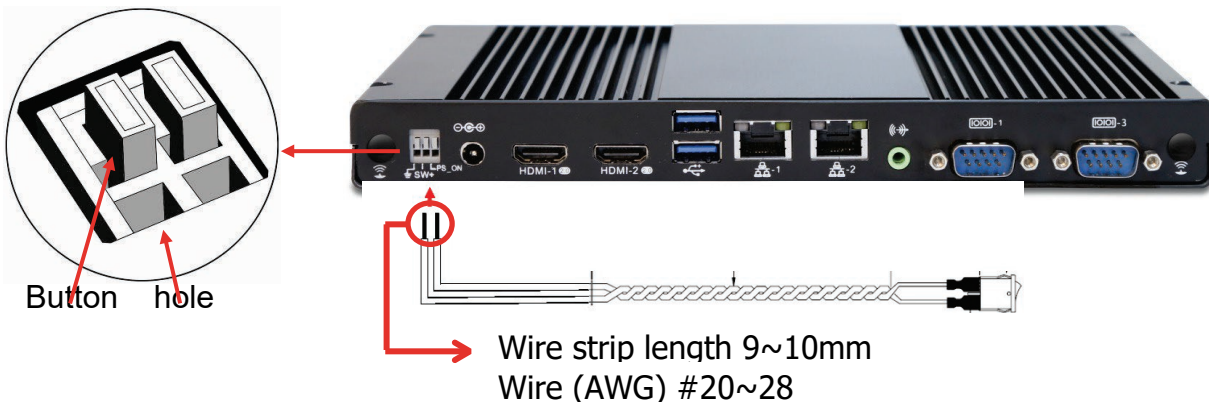




## 4. Function Introduction

### 4.1 Extend power switch

Extend power switch at rear IO of GDT 9600 can allow customer to extend the power switch by their demand, and customer can decide their own switch specification and cable length just follow the wire gauge and strip length.



(The cable above is a illustration diagram only not a accessory)

Ground & SW+ are for connection to extend power switch, and PS\_ON is a signal to present the system power on/off status, when PS\_ON signal is low, then system is in power on status when PS\_ON signal is high, then system is in power off status

This is a screwless type spring clamp pluggable terminal block, you can insert a wire by press the button on the terminal, please refer to the procedure below.

Step 1 please prepare a pin or rod that hard enough for pushing the button on the terminal block

Step 2 push the button in the end and hold it

Step 3 insert the wire into the hole and make sure the stripped portion is fully

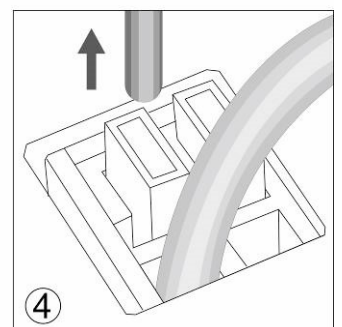
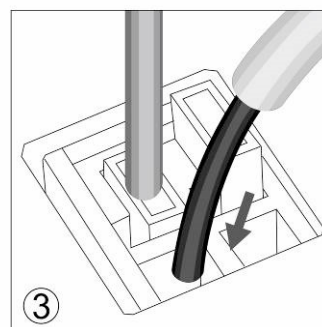
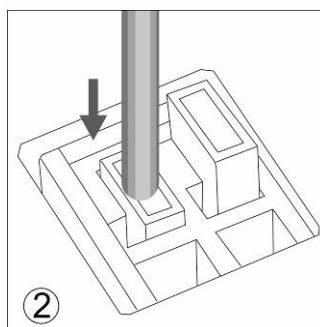
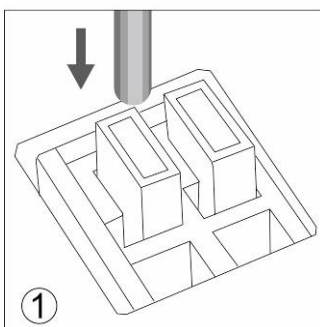
inserted Step 4 release the pin or rod then the wire will clamp by the terminal block

step1

step2

step3

step4



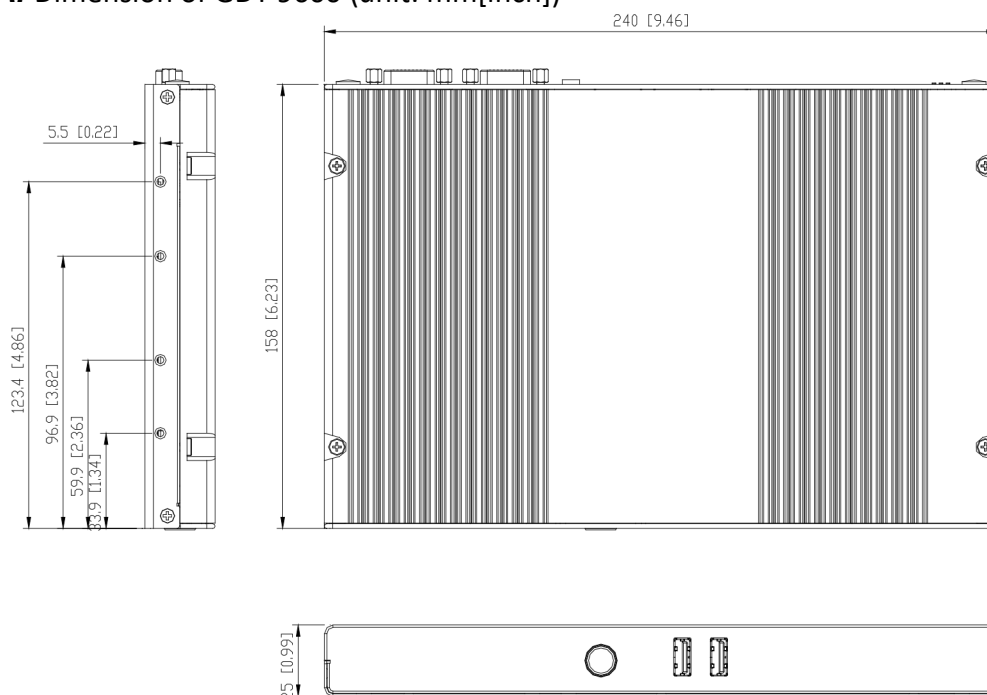
## 5. Packing List

### GDT 9600

- ☑ 1 x GDT 9600 system
- ☑ 1 x User Guide
- ☑ 1 x Driver CD
- ☑ 1 x 65W Adapter and Power Cord
- ☑ 1 x L type Holder with 4 pcs of M3 screw
- ☑ 4 x M3 – L4 screws
- ☑ 1 x power holder

## 6. Chassis and Holder Dimension

### A. Dimension of GDT 9600 (unit: mm[inch])



**B.** LH02 L type Holder(Include 2 piece holder and 4 FPH M3 screws)  
Dimension of L type Holder. (unit: mm)

