

Dear Users, Thank you for choosing Giada product. This Guide would allow you better understand the device. Therefore, please carefully read the whole Guide before you operate the device.

I. Precautions

In order to prevent the PC from being damaged, extend its service time, and ensure your normal use and personal safety, please carefully read the whole Guide and the related safety information and strictly follow the requirements in it. You should also keep the Guide well.

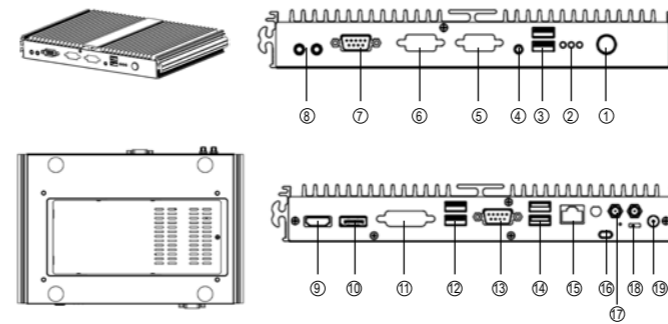
- Please read the documents attached to the product first. The page exclusively inserted should be read firstly.
- Please observe all alarm information and marks on safety.
- Please use the original power adapter, or use special power supply mentioned in the Manual.
- Please place the product correctly on your table and make sure the anti-sliding base is installed.
- In lightning time, do not plug or unplug the phone cable, network cable, power cord or other conductors connecting outside.
- Unplug the power cord before you clean the device. Never use liquid, sprayed cleaning agent or wet cloth to clean the product.
- In order to protect the operating system, motherboard and hard disk, please do not keep pressing the power switch or the reset key. Avoid interrupt power failure during system's running, which might also physically damage the operating system.
- Do not remove the shell or repair the product without permission. Such work should be done by professionals.
- Keep the PC away from heat source Never block the heat vents. Keep your PC away from direct sunshine.
- Keep the product away from moisture Never spill water or other liquid onto it. You should call the professional service personnel under following circumstances:
 - a. The power cord or plug was damaged.
 - b. Conductive liquid went into the product.
 - c. The product was dropped onto the ground or its shell was damaged.
 - d. When unidentified errors occurred or the product's performance is obviously deteriorated, please cut off power immediately.

Accessories

Host	1 Unit
Adapter (with power cord)	1 Piece
Quick Installation Guide	1 Copy
Drivers Disk	1 Piece

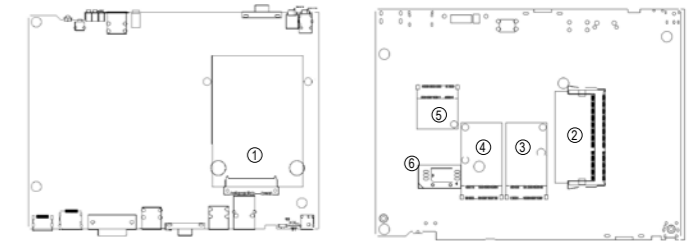
II. About the product

1. Appearance



NO	Description	Usage
1	Power Switch	Start the PC
2	Indicator LED	Power, HDD, IR working status
3,12	USB 3.0 Port	Connect USB 3.0 devices
4	Extended jack	3.5mm jack for extended infrared sensor and extended Power Switch
5,6	Optional COM port	Optional COM Port
7,13	COM Port	Connect COM Port devices
8	Audio-out/MIC-in	Connect audio input/output devices
9	HDMI Port	Connect HDMI digital monitor
10	DP Port	Connect DP port digital monitor
11	Optional DVI Port	Optional DVI Port
14	USB 2.0 Port	Connect USB 2.0 devices
15	Network interface	RJ45 Port
16	Kensington Lock	Anti-theft lock
17	Wi-Fi Antenna	Makes wireless signal better
18	JAHC switch	Enable/Disable the extended RTC function
19	DC-IN	Connect to AC/DC Power adapter

2. Inner interface :



NO	Description	Usage
1	SATA-HDD	Install 2.5inch SATA III Type HDD
2	SO-DIMM	Install SO-DIMM DDR3L Memory
3	mSATA	Install mSATA III type SSD
4	Mini PCIE1	PCI/USB Signal for WiFi&BT/3G
5	Mini PCIE2	PCI signal for WiFi
6	SIM Slot	Install 3G SIM card

3. JAHC Technology Introduce

JEHE Active Hardware Control Technology(JAHC) include the functions of RTC Waking Up, Auto Power On after AC Loss and IR Remote Control before the OS on. When JAHC Switch is on, the Auto Power on and extended RTC function is enabled. After extended RTC is enabled, the inner RTC function will be disabled automatically, then you can set up custom schedules of Shutdown or Resume using the JAHC software, for saving more energy.



When JAHC Switch is off, the function of Auto Power on and RTC wakeup are controlled usually as BIOS setting.

III. Operation System Setting Up And Driver Installation

Please read Giada Mini PC MANUAL which is in Drivers DISK.

IV. Power Supply and Maintenance

1. Power Supply

In order to avoid personal injury and ensure the normal operation of the product, please make sure the AC power you provide conforms to the specifications described on the sign at the back of the adapter. Use three-core receptacle and reliable grounding. In addition, you should also make sure the voltage from your local power matches the respective rated value of the monitor and other external equipment.

It is recommended the attached adapter be used. If the attached adapter can't be used under some special circumstances, you must use an adapter with the same specification.

Input Characteristics The range of input voltage is from 90Vac to 264Vac with a single phase.

	Min.	Rating	Max.
Input Voltage	90Vac	100Vac ~ 240Vac	264Vac
Input Frequency	47Hz	60Hz/50Hz	63Hz

Output Characteristics Static Output Characteristics <Vo & R+N>

Output Rating	Rated Load		Output Range	Ripple & Noise	Remark
	Min.	Max.			
+19.0V	0A	3.42A	±5%	300mVp-p	

2. Maintenance

As a high-tech product with sophisticated structure, Giada Mini PCs needs to be maintained properly. Misuse or rough handling may result in damage or system failure.

• Body

Please do not remove the protective film on the surface before using, and prevent sharp objects from scratching on it. Make sure the power supply to the host is cut off before cleaning the body. Never use wet cloth for cleaning. Otherwise, water drops or other conductive liquid may go into the host. To clean the base of the host, you should first remove the host. At the time, you should put the host in a safe place where is won't slide down or fall onto the ground.

• Handling

This product is an ultra-light PC, never place the product at the edge of the table. Otherwise, it may fall on the ground and be damaged. Always check the peripheral equipment and the connection cables to see whether they are properly arranged, so that people might not be stumbled by the wire or equipment and equipment not damaged.

• Radiation

Radiation is of great significance for PCs. Please place the product in a proper position. Never block the air inlet and air outlet that are used for ventilation. Do not place the product onto the bed, sofa or other soft objects for use. Otherwise, the vents might be blocked and system halted because of the overheating.

• Interfaces

Never use other objects to jam the interfaces on the host, nor use sharp objects to scratch the pins. Otherwise, the pins might be damaged. If there is any poor contact, you can use a soft brush to dust the place.

V. Troubleshooting

Giada Mini PC was strictly tested before delivery. It can provide long continuous working period and few failures might occur. You may encounter some simple problems on setup, operation or system compatibility at times you use the product. In this part, we will present the information on how to identify the cause of a failure and how to solve the problems.

Identification:

When your PC has a problem, please check it by referring the information provided below:

1. PC has no reaction after the host is powered on. Make sure the power is supplied to the host and the monitor, and check the power supply is normal running state. If the hardware has been upgraded, make sure the new hardware was properly and reliably installed. Check whether all signal cables are properly connected, including cables between the keyboard and host, and mouse and host.
2. Host is automatically shut off. Please check whether the power supply is cut off, or the power adapter is firmly inserted.
3. After the host is started, the start-up information appears. However, the operating system can't be loaded. The start-up order of setup tools is not compatible with the configuration of the PC, or a password is set for your operating system. In the latter case, you should enter the password to load the operating system.
4. Speaker sounds when the system is being electrified. Check whether there is any part inside the host, especially whether the hard disk and memory are properly installed. Note: The shell of the host should be opened only with the assistance of professionals from Giada.
5. When the system is started, it seems the set parameters of the host have been changed. It is possible the BIOS setup made at the time the system exited last time was not saved.
6. PC stops responding Press <Ctrl+Alt+Del> to terminate the program whose response is stopped. If the system can't be restored after a long time, you should press the power switch on the host to turn off the PC, and start it. Then check whether the newly installed hardware is compatible with your system.
7. PC runs slowly and system halted frequently. Use antivirus software to check whether the system is infected. Check whether excessive programs are added when the computer is being started. They may temporarily occupy too many resources. If many programs are installed in your system and the system has not been optimized for a long time, it will also run slowly. In this case, you should run the optimization software programs for the disk, or run the third-party optimization software. If the problem still

exists after above measures are taken, it is recommended that the operating system be re-installed.

8. Abnormal display and sound. If some software or game programs can't run normally, you should check whether the software failure is caused by wrong operation (including wrong installation of operating system and driver). Check whether the version of your DirectX is conforming.
9. Sound disappeared abruptly. Check whether the connection between power amplifier and speaker are reliable, and double click the volume icon to see whether the audio part is set as "mute".
10. Can't access to Internet. Check whether the network system is properly connected, or the wireless router runs normally. Check whether the driver for the network equipment is properly installed and the related parameters are correctly set. Finally, make sure the ISP service is still valid.
11. System can't access the information on hard disk. Check whether the hard disk is infected by virus. Note whether the hard disk is detected during the self-detection process.
12. Blue screen and system crash. Check whether the system is infected by virus. If the problem still exists, it is recommended that the operating system be re-installed.
13. PC can't recognize USB devices or USB devices can't run normally. Check whether these devices are properly installed (or the power is turned on), or the latest version of the drive for the device is installed.
14. For some models, when you first install the operating system, after installed display driver, the display resolution settings should be: After settings are finished securely and tightly, turn your monitor ON and press the power button on your computer. The Power indicated LED will light and please wait until the operating system loads automatically.

Note:

Illustrations are for reference only. The ports and their locations, and the chassis color vary with different models. Always remove the AC power by unplugging the power cord from the power outlet before installing or other hardware components. Before using the product, please verify that all cables and power connectors of your hardware components are connected.

Caution:

Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

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In case you have any questions concerning after-sales services in using the product, please contact us according to the contact information below:

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快速安装指南

多屏显示电脑 F300 系列

尊敬的杰和用户，您好！非常感谢您购买 Giada 杰拓迷你电脑产品。请您在安装使用前仔细阅读，这会有助于您更好地使用本产品。

一、使用注意事项

请仔细阅读本指南使用说明和安全事项，并在使用过程中严格执行。这将有助于防止损坏电脑主机、延长使用寿命、保证您正常的使用和电脑维护，确保您的人生安全。

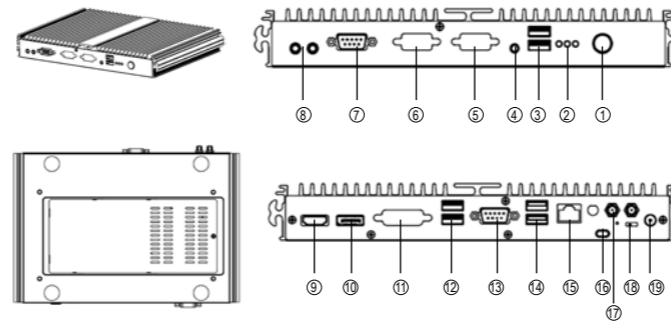
- 请首先读懂随机附带的相关文件，如含有夹页，请务必先行阅读。
- 遵循本产品上所有的安全警告和标志。
- 请使用原装的电源适配器或只能按照本产品注明的电源类型使用本产品。
- 在雷雨天气，请不要插拔网线、电源线等可能会与外界连接的导体。
- 清洁本产品之前请拔掉电源。请勿使用液体、喷雾剂或湿抹布进行清洁。
- 为避免损坏操作系统、主板和硬盘，切勿连续按主机电源开关或复位键；尽量避免运行途中突然断电、非正常关机，请勿在开机状态时移动、晃动主机，容易造成操作系统损坏、或者硬件损坏。
- 请不要私自拆机，不要尝试自行维修本产品，请由授权的专业人士进行此项工作。
- 不要将电脑放在靠近热源的地方，不要堵塞主机散热孔，不要让阳光直射到您的电脑主机。
- 注意防潮，切勿将水或其它液体泼洒到电脑上。如出现以下情况，请立即拔掉主机电源。以下特殊情况需请专业维修人员维修：
 - a. 电源线或插头损坏。
 - b. 本产品内溅入了导电液体。
 - c. 产品跌落或产品外壳严重损坏。
 - d. 产品出现不明错误或是明显性能变化，经过常规故障指引仍无法排除。

物品清单：

- 主机一台
- 电源适配器（含电源线）一个
- 快速安装指南一份
- 驱动光盘一张
- 产品合格证一份
- 三包凭证一份

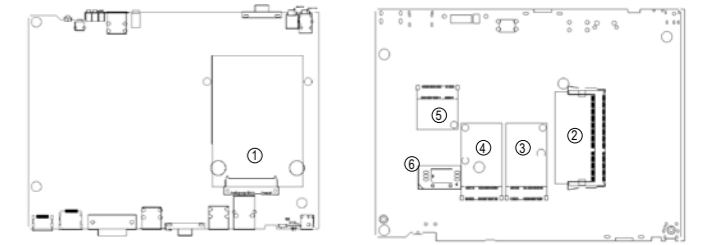
二、产品介绍

1、产品主要视图及接口介绍



位置	描述	功能
1	电源开关	开 / 关电脑
2	LED 指示灯	电源、硬盘、红外工作状态指示
3,12	USB3.0 接口	连接 USB3.0 设备
4	延展接口	红外延展和线控开关二合一接口 (3.5mm)
5,6	可选配 COM 接口	可选 COM 接口 (标配机型无)
7,13	COM 接口	连接 COM 设备
8	音频输出 / 麦克风输入	连接音频输入 / 输出设备
9	HDMI 接口	连接 HDMI 接口显示设备
10	DP 接口	连接 DP 接口显示设备
11	可选配 DVI 接口	连接 DVI 接口显示设备
14	USB2.0 接口	USB2.0 接口
15	有线网络接口	RJ45 接口
16	防盗锁孔	安装防盗锁
17	WiFi 天线	发送接收 WiFi 信号
18	JAHC 开关	打开 / 关闭外部 RTC 功能
19	直流输入	连接电源适配器

2. 内部接口介绍：



编号	描述	功能说明
1	笔记本硬盘接口	安装 2.5 英寸笔记本硬盘
2	内存插槽	安装 SO-DIMM DDR3L 内存
3	mSATA	安装 mSATA 固态硬盘 (SSD)
4	Mini PCIe1	安装 PCI/USB 信号 WiFi&BT/3G 模组
5	Mini PCIe2	安装 PCI 信号 WiFi 模组
6	SIM 插槽	安装 3G SIM 卡

3. JAHC 技术简介

JAHC 主动硬件控制技术，通过 MCU 的可编程操作实现独立于当前 X86 系统之外的外部 RTC 定时开机功能、上电自动开机功能以及红外遥控功能。

当 JAHC 开关打开，上电自动开机和外部 RTC 功能生效，同时自动关闭内部 RTC 功能，用户可通过提供的控制软件定义多种开关机计划，节约更多能源。



当 JAHC 开关关闭，上电开机功能和 RTC 唤醒功能将由通常的 BIOS 设置控制。

三、软件安装

操作系统安装、驱动安装，请参考配送光盘内的文件 Giada Mini PC Manual。

四、电源和产品保养

1. 电源适配器

为了您的人身安全和本产品的正常使用，请务必确认您所提供的交流电源能否满足在本产品电源适配器背部标示的输入电源信息；请使用三芯电源插座且具有可靠的接地端子。

建议使用本机原装电源适配器，特殊情况下无法使用原装电源时，务必使用相同规格电源适配器。

• 输入特性

输入电压范围：从 90Vac ~ 264Vac，单相输入

	最小	额定值	最大
输入电压	90Vac	100Vac ~ 240Vac	264Vac
输入频率	47Hz	60Hz/50Hz	63Hz

• 输出特性

静态输出特性 < 输出 & 纹波 + 噪音 >

Output Rating	额定负载		输出电压范围	纹波与噪声	备注
	Min.	Max.			
+19.0V	0A	3.42A	±5%	300mVp-p	

2. 产品保养

Giada 杰拓迷你电脑系列产品属于高科技精密电子产品，请您采用正确的方法适时保养机器，避免不当操作，造成电脑故障或损坏。

• 机身

避免直接接触尖锐物品造成机身留下划痕。在清洁机身前请确保已关闭主机电源，不可用湿布进行清洁，以免水滴等导电液体进入主机内部。

在清洁主机底座时，请拆除主机后再进行清洁，并保证主机放在安全位置，以免滑落、坠落造成损坏。

• 内部

更换内部组件时，请确保已关闭主机电源后再拆机。清洁主板上的灰尘时，应该用柔性毛刷顺向除去灰尘。

散热片的清洗不能用洗洁剂、水等含有水分的液体清洗，推荐用无水乙醇或者工业酒精清洗。散热器放置硅胶的地方不能利用利器刮伤，硅胶干燥后应该更换新硅胶，导热硅胶不能太多，以铺满 CPU 导热片为宜。

• 摆放

本产品为超轻型电脑产品。请不要随意将主机摆放在桌子的边缘，以免不注意时使产品坠落地面造成损坏。

• 散热

散热对电脑产品来说非常重要，请您注意本产品的摆放位置，不要随意堵塞散热出风口或是进风口。不要随意放置在床、沙发等柔软的物品上使用，有可能造成散热风道的堵塞，影响产品的散热，甚至造成死机重启。

• 接口

不要随意用其他物品堵塞主机上的各种接口或是用尖锐物品划伤造成针脚损坏，接触不良时可用柔性毛刷轻轻擦除灰尘。

五、常见故障排除

Giada 杰拓迷你电脑出厂前都经过严格的成品检测，产品经久耐用，实际使用中很少出现问题，可能您在使用过程中会碰到一些简单的设置和操作问题，或是遇到一些设备兼容性问题。本常见故障排除信息有助于您及时解决一些简单的操作问题，或是识别需要维修故障的原因。

NO	故障现象	解决方法
1	开机后电脑没有反应	请确认主机和显示器供电是否正常，主机适配器是否通电。
2	主机无故自动关机	请检查电源是否断电，电源适配器是否松脱。
3	主机无故自动重启	请检查主机是否温度过高，系统是否正常。
4	开机显示自检信息但不能进系统	确认启动项是否正常，系统是否正常，硬盘是否连接好。
5	开机自检过程中蜂鸣器叫	检查主机内部设备是否松动，尤其是内存和硬盘安装是否牢固。
6	启动时主机设置参数发生变化	可能是您进行 BIOS 设置后，退出时没有保存更改。
7	开机提示按 F1、F2 或时间还原为出厂时间	检查 CMOS 电池是否电量充足，电池连接是否良好。
8	电脑停止响应	请同时按下 <Ctrl+Alt+Del> 组合键，结束停止响应的程序。
9	系统运行缓慢或频繁死机	检查电脑是否被病毒感染，是否加载了过多的软件，电脑垃圾是否过多，如果上述处理后问题仍未解决，建议重新安装系统。
10	播放视频时显示图像但无声音	检查音频输出设备是否正常，是否静音，声卡驱动是否正常安装。
11	网络无法连接	检查网络连接或是路由设备是否正常，网卡驱动是否正常，网络参数设置是否正确，确认您的 ISP 服务是否过期。
12	系统不能访问硬盘的信息	检查硬盘是否感染病毒；注意开机自检时能否检测到硬盘。
13	系统经常无故蓝屏、死机	检查是否病毒感染。
14	外置 USB 设备无法识别	检查该设备功能是否正常，驱动是否正常安装。

注：1) 若主机不慎进水或渗入导电液体，请立即切断电源，用纸巾将液体清除，切勿用热风吹干。情况极为严重的，建议立即与售后联系进行咨询或送检维修。
2) 若主机不慎滑落、坠落造成外壳变形损坏、主板损坏，请立即与售后联系维修。

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