品名：N156MU3系列_中性说明书_V01_中英文
规格要：105*120mm
材质：150g双铜纸
印刷：四色印刷
装订方式：骑马钉
用量：1PC/台

版本	日期	更新内容
V01	2024/05/14	初版

产品手册

N15U3系列

一、免责声明

- 本产品手册以现有功能和可实现的目标，尽结最终成果和指标为。若有任何因本产品手册所提供的产品说明和图示所引起直接或间接的损失或事故责任，本公司及所属关工厂不为其承担任何责任。
- 请勿让使用本产品所用的供电来源配接，对于任何第三方电源适配器引起的问题或故障，本公司不承担任何责任。
- 用户可以使用第三方提供的操作系统、固件和软件，但对于指责问题或软件故障，我们不承担任何责任。
- 如果产品出现故障，我们将为您提供保修条款，但是在使用过程中可能造成的产品丢失或经济损失，我们将不承担任何责任。
- 本产品随附"厂对厂"的内置软件，可以在实际测试后使用。如果在用户使用责任或其他问题时删除或不修改，不会对本产品造成任何影响，且这也不属于产品质量问题。
- 产品手册所提到的产品规格和资讯仅供参考使用，包括产品硬件和软件内容。
- 本公司保留对产品进行改进的权利，产品规格和设计如有变更，其内容也会随时更新，恕不另行通知，请以实物为准。
- 本公司保留对产品手册解释和修改的权利。

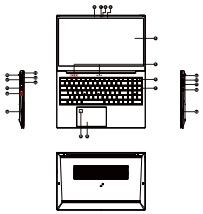
二、注意事项

- 请勿买开使用过周边端的为例和感染。
- 请你要此大清洗清洁的时，如边缘，侧壁，地下室，游泳池等。
- 确保设备安装放置在平稳处，若掉落，可能造成人身伤害或设备损坏。
- 在雨天，干燥，强风处使用，请勿放置远离时间热源。
- 请你要避，避免外壳上的通风孔，请你要干净，尘埃，毛絮或类似物体堵塞使用。
- 设备保护软件是用户自己的责任，若不能确认所供应的电压，切勿擅自使用电源线和电源适配器。
- 为设备长期不使用，请切断电源，防止在雷雨天受到电击以及异常电源电压的损伤
- 请使用可靠接地插座，防止插座过载，否则会引起火灾或电击。
- 请你把异物放入机内，否则可能会引起火灾或电击。
- 请你自行拆卸，维修本产品，以免发生电击危险，若有故障，请直接与售后服务人员联系。
- 请你记得拔出，拔插电源线。
- 如果遇故障情况时，必须从其制造商或维修部采购的专用零件来更换。
- 在使用符合标准的外围设备并且在系统零件之间使用屏蔽电缆，才能确小对无线电，电视机以及其他电子设备造成干扰的可能。
- 产品存放温度：-15℃~45℃。
- 仅允许使用随附电源线和电池，用错误型号的电池更换可能使安全防护失效，会有爆炸，火灾等危险。
- 请你勿电池放置于强高温度环境中，如日照，放入火中，微波炉，烤箱等，可能会导致爆炸或使漏时液体或气体。
- 请你拆解，撞击，挤压或切割电池，可能导致爆炸。
- 请你勿将电池置于极低气压，可能导致电池爆炸或使漏时液体或气体。
- 把电池长期严重放置，请你勿长使用。
- 不要吞噬电池，可能导致窒息或化学烧伤。
- 如果你认为电池可能已被吞食或放置在身体的任何部位内，立即寻求医疗救治。
- 请千萬勿电池的进出孔应设计在地面，请置于固家电的周边安全处是用电的电池。
- 本产品包含锂电池，如果你会自己电池，在2个小时内将它安全处理掉，否则它的内部可能导致爆炸。

型料包装安全警告：
- 请勿塑料包装袋放在婴儿及儿童接触不到的位置。

三、产品介绍

- 指示灯和键盘背光指示灯示意图。



❶ **摄像头**
进行视频或视频交流。

❷ **摄像头指示灯**
摄像头开启时，指示灯白色长亮。

❸ **麦克风**
使用麦克风进行视频会议，语音通话或录音。

❹ **显示器**
画面显示。

❺ **指示灯**
① 开机指示灯， ② 大小写指示灯， ③ 小键盘指示灯。
（部分型号配置指示灯若在，请以实际为准。）

❻ **电源键**
可实现设备的开机，关机，睡眠，休眠等操作。

❼ **键盘**
键盘布局和内容可能会因国家、地区存在差异，请以实物为准。

❽ **指纹键**
录入指纹后，只需按响已录入指纹的手指按一下指纹键，即可实现一键开机，解锁，光速输入密码，保障安全。
（仅部分型号配置此指纹键，请以实际为准。）

❾ **触控板**
类似鼠标的功能，更方便的操控计算机。

❿ **耳机接口**
连接耳机。

⓫ **USB-A接口**
连接手机、U盘等外接设备传输数据。

⓬ **TF卡槽**
读写TF卡。

⓭ **安全锁孔**
防止笔记本电脑被盗。（安全锁需自行购买）

⓮ **USB-C接口**
- 连接电源适配器给计算机充电。
- 连接手机、U盘等外接设备传输数据。
- 连接显示器，支持投影，显示器拓展。

⓯ **HDMI接口**
高清晰度多媒体接口，连接显示设备。

⓰ **DC充电口**
DC电源适配器进行充电。

⓱ **充电指示灯**
- 充电时亮红灯 - 充满时亮绿灯

⓲ **USB-C接口**
- 连接电源适配器给计算机充电。
- 连接手机、U盘等外接设备传输数据。
- 连接显示器，支持投影，显示器拓展。

（仅部分型号配置此接口，请以实际为准。）

⓳ **扬声器**
扬声器出音孔。

注释：以上内容详细解释功能与部件可能因实际机型版本和支持情况同时在一定差异，请以实际为准。

四、基本参数

产品系列	N15U3系列
产品尺寸	359 x 233 x 18 mm
产品净重	1.37千克（部分型号配置有差异，请以实际为准。）
额定输入	19Vdc, 3.42A（部分型号配置有差异，请以实际为准。）
显示器	15.6英寸 16:9
键盘	三色背光键盘（部分型号配置有差异，请以实际为准。）
Wi-Fi	内置无线网卡
指纹键	可实现开机解锁，光速输入密码。 （仅部分型号配置此指纹键，请以实际为准。）
摄像头	720P
音频	内置多媒体音频
工作温度	5~45℃
工作湿度	非凝结状态下5%~85%
包装清单	笔记本电脑×1，适配器×1，说明书×1

（参数信息仅供参考，具体以实际型号为准）

五、中国大陆RoHS

根据中国大陆《电器电子产品有害物质限制使用管理办法》，以下部分列出了本产品中可能含有的有害物质的名称和含量。

部件名称	有害物质或元素					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溶联苯 (PBB)	多溶二苯醚 (PBDE)
电路板	×	○	×	○	○	○
金属外壳	×	○	○	×	○	○
塑料外壳	○	○	○	○	○	○
显示件	○	○	○	×	○	○
电源	○	○	○	×	○	○
安装硬件	○	○	○	×	○	○
电缆	×	○	○	○	○	○
连接部件	×	○	○	×	○	○

*本表格依据SJ/T11364的规定编制。
O：表示该有害物质在该部件所有均质材料中的含量均在SJ/T11363-2006规定的限量要求以下。
X：表示该有害物质至少在该部件的某一均质材料中的含量超出SJ/T11363-2006规定的限量要求。
该环保使用期限是在正常使用情况下，例如计算机（不含电池）及其附件部分有的有害物质或元素不会外泄，以及电子信息产品用户使用该产品时不会对环境造成严重污染或对人身，财产造成严重损害的期限。

此电子信息产品在手册所述的使用条件下使用本产品，会有的有毒有害物质或元素不会发生外泄，从而对环境造成污染或对人身，财产造成严重损害的期限为10年。

本产品只适用于2000m以下。

本产品只适用于非热带地区使用。此为A类产品，在生活环境中，该产品可能会造成无线电干扰，这种情况下，可能需要用户对干扰采取切实可行的措施。

电器电子产品有害物质限用管理办法要求说明：使用产品会有某些有害物质，在特保使用期间内可以放心使用，超过环保使用期限之后应送入回收循环系统。

《废弃电器电子产品回收处理管理条例》提示性说明
为了更好地关系电子产品，国务院颁布了《废弃电器电子产品回收处理管理条例》，请遵守国家废弃电器电子产品回收处理相关法律法规，将其交给当地有资质单位可回收/再利用设施以可回收/再利用。不当处置可能会对环境和人类健康造成危害。

中国环境标志产品技术要求说明
a. 产品支持开启节能模式，电源指示灯才能实现常亮和长闪烁状态。
b. 保证产品售出后3年内提供可更换部件（仅适用于中国环境标志认证的型号）。

China RoHS 合格评定制度标识

SDoC

六、GB 4943.1-2022 警说要求

对于该设备，必需使用额保护接地的电源插头和电网连接。
在使用期间安装时，请确认配电系统应提供额定电压为120/240V最大20A的断路器。

注意：
设备用带电池的产品
用锂离子电池作电源的设备，可能使安全防护不良，
电池使用不当会造成火灾甲烷泄漏和爆炸，或对电池组进行拆解挤压或切割进行处理可能导致爆炸。
所有电池应放在隔离高温和场中，可能导致电池爆炸或使漏时液体或气体。
电池长时间处于空气中，可能导致窒息或使漏时液体和气体。
如果换用错误型号的电池组是除会有重大或爆炸的危险。

设备用有纽扣电池的产品
不要吞噬电池，长期的危险。
本产品内部含有一个纽扣电池，如果吞噬电池会导致电池，如果吞食纽扣电池，在2个小时内将它安全处理掉，否则它的内部可能导致死亡。
让儿童远离非使用状态的电池。
如果电池出现安全问题，停止使用该产品并使之远离儿童。
如果你认为电池可能被吞食或放置在身体的任何部位内，立即寻求医疗救助。

七、本笔记是商品三包的重要依据，请妥装善保管！

用户资料	用户姓名		联系电话	
	通信地址及邮编			
	E-mail			
产品资料	产品型号	产品名称	出厂编号	产品检装配置标
	服务热线			
	经销商名称			
经销商填写	经销及邮编		安装调试日期	
	联系电话		发货票号码	
	销售日期			

维修记录表

送修日期	故障描述	故障处理情况	交验日期	维修人员签名

经销商印章

Product Manual

N15U3 Series

Disclaimer

- This product manual makes no guarantee, express or implied, regarding the accuracy, completeness, or reliability of any information or statements provided herein. The company and its employees shall not be liable for any direct, indirect, incidental, special, or consequential damages arising out of the use or inability to use this manual or the products described herein.
- It is essential to use the original power adapter provided with this product. The company shall not be liable for any issues or malfunctions caused by third-party power adapters.
- Users may utilize third-party-provided music, videos, images, and software. However, we do not assume any responsibility for copyright issues or software malfunctions.
- In case of product malfunction, we will strictly adhere to the warranty terms. However, we shall not be liable for any property damage or economic loss incurred during use.
- The software pre-installed in the product at the time of manufacture is intended for use after actual testing. Removing or retaining this software during compatibility testing or for any other reason will not affect the product, and it does not constitute a product quality issue.
- The product specifications and information provided in this manual are for reference only, including both hardware and software content.
- The company reserves the right to improve the product. Changes to product specifications and design may occur without prior notice, and the content will be updated accordingly. Please refer to the actual product for details.
- The company reserves the right to interpret and modify the product manual.

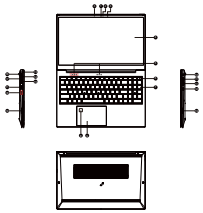
Precautions

- Please purchase and use memory and hard drives from reputable brands.
- Avoid placing the device near water sources or in damp areas such as bathrooms, kitchens, basements, or pools.
- Ensure the device is placed on a stable surface; dropping it may cause personal injury or damage to the device.
- Store and use the equipment in a cool, dry, and well-ventilated area, away from radiation sources and heat sources.
- Do not cover or block the ventilation holes on the casing. Do not place it on beds, sofas, blankets, or similar surfaces.
- The voltage range for operating the device is indicated on the rear shell label. If unsure about the supplied voltage, consult the dealer or local power company.
- When the device is not in use for an extended period, disconnect the power to prevent damage from lightning strikes during thunderstorms and abnormal power voltages. Use a reliable grounded socket and avoid overloading it, as it may cause fires or electric shocks.
- Do not insert foreign objects into the device, as it may cause fires or electric shocks.
- Do not dismantle or repair the product yourself to avoid the risk of electric shock. If there is a malfunction, contact the after-sales service personnel directly.
- Avoid excessive pulling or twisting of the power cord.
- If the adapter power cord is damaged, it must be replaced with a specialized component purchased from its manufacturer or repair department.
- To minimize interference with wireless radios and other electronic devices, use peripherals that meet standards and shielded cables between system components.
- Product storage temperature: -15℃ to 45℃.
- Only use batteries approved by the manufacturer. Replacing with the wrong battery model may compromise safety measures, leading to risks such as explosions or fires.
- Do not expose the battery to extremely high temperatures, such as sunlight, fire, microwave ovens, or ovens, as it may cause explosions or leakage of flammable liquids or gases.
- Do not disassemble, crush, squeeze, or cut the battery, as it may cause explosions.
- Do not expose the battery to extremely low pressure, as it may cause the battery to explode or leak flammable liquids or gases.

- If the battery becomes severely swollen, discontinue use immediately.
- Do not swallow the battery, as it may pose a risk of asphyxiation or chemical burns.
- If you suspect the battery has been swallowed or placed in any part of the body, seek medical attention immediately.
- Dispose of used batteries as hazardous household waste; comply with national regulations for the safe disposal of used batteries.
- This product contains button batteries. Ingesting button batteries can cause severe internal burns within 2 hours and may result in death.

Plastic Packaging Bag Safety Warning:
Keep plastic packaging bags out of reach of infants and children.

Product introduction
- Indicator lights and port layout vary by notebook model.



❶ **Camera**
Take photos or video exchanges.

❷ **Camera indicator light**
When the camera is turned on, the indicator light is solid white.

❸ **Microphone**
Use the microphone for video conferencing, voice calls, or recording.

❹ **Display**
The screen is displayed.

❺ **Indicator lights**
① Power on indicator light ② Caps lock ③ Num lock
(Some models are equipped with indicator lights on the left, please refer to the actual situation.)

❻ **Power button**
It can realize the operations of turning on, shutting down, sleeping, and hibernating the device.

❼ **Keyboard**
Keyboard layout and content may vary by country and region, please refer to the actual situation.

❽ **Fingerprint key**
After the fingerprint is entered, simply press the fingerprint button with the finger that has been recorded.It can be unlocked at the same time, without entering the password, fast safe.(Only some models are configured with this Fingerprint key, please refer to the actual situation.)

❾ **Touchpad**
Similar to the function of a mouse, it is more convenient to control the computer.

❿ **Headphone jack**
Connect headphones.

⓫ **USB-A port**
Connect external devices such as mobile phones and USB flash drives to transfer data.

⓬ **TF card slot**
Read and write TF card.

⓭ **Security keyhole**
Prevent your laptop from being stolen.
(Safety lock needs to be purchased separately)

⓮ **USB-C port**
- Connect the power adapter to charge the computer.
- Connect external devices such as mobile phones and USB flash drives to transfer data.
- Connect to a monitor, support projection, and monitor expansion.

⓯ **HDMI port**
High-definition multimedia interface to connect display devices.

⓰ **DC charging port**
DC power adapter for charging.

⓱ **Charging indicator light**
- The red light lights up when charging
- The green light turns on when fully charged

⓲ **USB-C port**
- Connect the power adapter to charge the computer.
- Connect external devices such as mobile phones and USB flash drives to transfer data.
- Connect to a monitor, support projection, and monitor expansion.

(Only some models are configured with this interface, please refer to the actual situation.)

⓳ **Speakers**
Speaker sound hole.

Note: The functions and interfaces mentioned in the above content may have certain differences due to the support of the actual model version. Please refer to the actual situation.

Basic parameters

Product Series	N15U3 Series
Size	359 x 233 x 18 mm
Weight	1.37 kg (Some models have different configurations, please refer to the actual situation.)
Rated input	19Vdc, 3.42A. (Some models have different configurations, please refer to the actual situation.)
Display	15.6 inch 16:9
Keyboard	Three-level backlit keyboard (the configuration of some models is different, please refer to the actual situation.)
Wi-Fi	Built-in wireless card
Fingerprint key	It can be unlocked at boot without entering a password. (Only some models are configured with this Fingerprint key, please refer to the actual situation.)
Webcam	720P
Audio	Built-in multimedia speakers
Operating temperature	5~45℃
Operating humidity	Non-condensing state5%~85%
Packing list	Laptop × 1; Adapter × 1; Product Manual× 1

(Parameter information is for reference only, the actual model shall prevail)

Mainland China ROHS

According to the "Management Measures for the Restriction of Hazardous Substances in Electrical and Electronic Products" of China Mainland, the following table lists the names and contents of hazardous substances that may be contained in this product.

	Hazardous Substances or Elements					
Component Name	(Pb)	(Hg)	(Cd)	(Cr(VI))	(PBB)	(PBDE)
Circuit Board	×	○	×	○	○	○
Metal Casing	×	○	○	×	○	○
Plastic Casing	○	○	○	○	○	○
Fasteners	○	○	○	×	○	○
Power Supply	○	○	○	×	○	○
Mounting Hardware	○	○	○	×	○	○
Cables	×	○	○	○	○	○
Connectors	×	○	○	×	○	○

*This table is prepared in accordance with the provisions of SJ/T11363.
O: indicates that the content of the hazardous substance in all homogeneous materials of the component is below the limit requirements specified in SJ/T11363-2006.
X: indicates that the content of the hazardous substance exceeds the limit requirements specified in SJ/T11363-2006 in at least one homogenous material of the component.

The environmental protection use period refers to the period during which hazardous substances or elements contained in microcomputers (excluding batteries) and their accessory components will not leak under normal use conditions, and the use of the product by users of electronic information products will not cause serious pollution to the environment or cause serious damage to their personal or property.

Under the conditions described in the manual, this electronic information product contains toxic and hazardous substances or elements that will not leak and cause environmental pollution or serious harm to personal or property for a period of 10 years.

This product is only suitable for use below 2000m.

This product is only suitable for use in non-tropical regions and is classified as Grade A. In living environments, this product may cause radio interference. In such cases, users may need to take feasible measures to address the interference.

The Management Measures for the Restriction of Hazardous Substances in Electrical and Electronic Products requires the following statement: This electronic product contains certain hazardous substances, which can be safely used during the environmental protection use period. After the environmental protection use period expires, it should be recycled through the recycling system.

Indicative Notes on the "Regulations on the Management of Recycling and Disposal of Waste Electrical and Electronic Products"
In order to better care for and protect the earth, when users do not need this product or the product life has expired, please abide by the relevant national laws and regulations on the recycling and disposal of waste electrical and electronic products, and hand them over to a manufacturer with nationally recognized qualifications at that time for recycling. Improper use or disposal can have an impact on the environment and human health.

Chinese Environmental Labeling Product Advisory Instructions:
a. The statement that the product achieves zero energy consumption only when not connected to any external power source.
b. Ensure that replacement parts are provided within 3 years after the product is sold (only applicable to models certified by the Chinese environmental labeling)

China RoHS Conformity Assessment System Identification

SDoC

GB 4943.1-2022 Warning Requirements
For Class I equipment, use power plugs and grid connections with protective grounding. When installing in buildings, ensure that the distribution system can provide a circuit breaker with a rated voltage of 120/240V and a maximum of 20A.

Attention:
Only applicable to products with batteries.
Replacing with the wrong type of battery pack may result in loss of safety protection.
Placing battery packs in fire or ovens, or mechanically squeezing or cutting them, may cause explosions.
Placing battery packs in extremely high-temperature environments may cause them to explode or leak flammable liquids or gases.
Battery packs subjected to extremely low air pressure may explode or leak flammable liquids and gases.
There is a risk of fire or explosion if the wrong type of battery pack is used for replacement.

Only applicable to products with button batteries.
Do not swallow button batteries.
This product (the remote control device provided with this product) contains button batteries. If a button battery is swallowed, it can cause severe internal burns within 2 hours and may lead to death.
Keep new and used batteries away from children.
If the battery compartment does not close securely, stop using the product and keep it away from children.
If you think a battery may have been swallowed or lodged in any part of the body, seek medical attention immediately.

This voucher is an important basis for product warranty.
Please keep it safe!

User Information	User Name	
	Add&Zip Code	
	E-mail	
Product Information	Model Name	
	Phone Number	
Sales Information	Distributor Name	
	Add&Zip Code	
	Phone Number	
	Sell date	

Maintenance Record Form

Repair Date	Fault Description	Fault Handling	Inspection Date	Technician's Signature

Dealer's Seal

① FCC 15.19:
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.

② FCC 15.21:
Any changes or modifications to this unit not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

③ FCC 15.105:
For a Class B digital device or peripheral, the instructions furnished the user shall include the following or similar statement, placed in a prominent location in the text of the manual:

Note: 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:

—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.

Specific Absorption Rate(SAR)Information:
this Statecut Pc meets the government's requirements for exposure to radio waves. The quide lines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health.
The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types: Notebook PC(FCC ID: 2ABZOP-N15U3-TU) has also been tested against this SAR limit. When in proper physical contact, the highest SAR value reported according to this operation during production certification is 0.499W/kg. The device was used in the typical position of the operation test, with a distance of 0 millimeters between the front and back of the laptop and the body