



上海环科环境认证有限公司

Shanghai Huanke Environmental Certification Co., Ltd.

Energy Management System

CERTIFICATE

We hereby certify that

Tech-Front(Shanghai)Computer Co., Ltd.

(Unified Social Credit Code:91310000607424985W)

(Registered address: Number 2, Lane 58, Sanzhuang Road, Songjiang, District, Shanghai, China)

(Production and operation address: Number 2, Lane 58, Sanzhuang Road,
Songjiang Comprehensive Bonded Zone, Shanghai, P.R.China)

by reason of its Energy Management System
has been awarded this certificate for compliance with the standards

GB/T 23331-2020 / ISO 50001:2018

Energy Management Systems-Requirements with Guidance for Use

RB/T 101-2013

**Energy Management Systems - Certification Requirements for
on electronics and information enterprises**

The Energy Management System applies in the following area:

The energy management of server and palm-sized computer and their parts in energy
purchase, energy transmission / distribution, energy usage and reuse of waste heat/
energy, which is carried out in Number 2, Lane 58, Sanzhuang Road,

Songjiang Comprehensive Bonded Zone, by

Tech-Front(Shanghai)Computer Co., Ltd .

(The energy performance and boundaries are detailed in the attached appendix bearing the same
certificate number. The appendix forms an integral part of this certificate. The certified organization shall
accept and pass surveillance audits at regular intervals to keep this certificate sustainedly effective.)

Certificate No.: 098 22 En1 011 R1 L

Date of issue: Feb.10, 2022

Date of expiry: Jan.04, 2024

Date of initial: Jan.05, 2018

Issued by:

舒伟



中国认可
管理体系
MANAGEMENT SYSTEM
CNAS C098-M



SCAN THE QR CODE TO VERIFY THIS CERTIFICATION.

CERTIFICATE INFO CAN BE INQUIRED ON THE OFFICIAL WEBSITE OF CNCA(WWW.CNCA.GOV.CN)



上海环科环境认证有限公司

Shanghai Huanke Environmental Certification Co., Ltd.

Appendix to Energy Management System Certificate

Certificate No.: 098 22 En1 011 R1 L

Organization Name: Tech-Front (Shanghai) Computer Co., Ltd.

Registered Address: Number 2, Lane 58, Sanzhuang Road, Songjiang District, Shanghai, China

Production Address: Number 2, Lane 58, Sanzhuang Road, Songjiang Comprehensive Bonded Zone, Shanghai, P.R.China

Scope of Certification: The energy management of server and palm-sized computer and their parts in energy purchase, energy transmission / distribution, energy usage and reuse of waste heat/energy, which is carried out in Number 2, Lane 58, Sanzhuang Road, Songjiang Comprehensive Bonded Zone, by Tech-Front(Shanghai)Computer Co., Ltd .

Certificate Criteria:

ISO 50001:2018 Energy Management System-Requirements with Guidance for Use

GB/T 23331-2020 / ISO 50001:2018 Energy management systems-Certification Requirements for on electronics and information enterprises

Expiry Date of This Appendix: Feb. 09, 2023

Energy Performance and EnMS Boundaries:

Audit Type and Date	Energy Consumption	Energy Management System Boundaries
21,Jan. 2022 surveillance audit	Jan.- Dec. 2021 Server and palm-sized computer and their parts unit power consumption: 24.71 tce/10 ⁴ pcs Output value unit energy consumption: 0.0071 tce/10 ⁴ RMB	Number 2, Lane 58, Sanzhuang Road, Songjiang Comprehensive Bonded Zone, Shanghai, P.R.China





上海环科环境认证有限公司

Shanghai Huanke Environmental Certification Co., Ltd.

Energy Management System

CERTIFICATE

We hereby certify that

Tech-Com(Shanghai)Computer Co., Ltd.

(Unified Social Credit Code:91310000607424993P)

(Registered address: Number 68, Sanzhuang Road, Songjiang District, Shanghai,P.R.China)

(Production and operation address: Number 68, Sanzhuang Road, Songjiang Comprehensive Bonded Zone, Shanghai, P.R.China)

by reason of its Energy Management System
has been awarded this certificate for compliance with the standards

GB/T 23331-2020 / ISO 50001:2018

Energy Management Systems-Requirements with Guidance for Use

RB/T 101-2013

**Energy Management Systems - Certification Requirements for
electronics and information enterprises**

The Energy Management System applies in the following area:

The energy management of computer and laptop and their parts in energy purchase,
energy transmission / distribution, energy usage and reuse of waste
heat/energy, which is carried out in F1,F4,F5,F6,F7 building at
Number 68, Sanzhuang Road, Songjiang Comprehensive
Bonded Zone,by Tech-Com(Shanghai)Computer Co., Ltd .

(The energy performance and boundaries are detailed in the attached appendix bearing the same
certificate number. The appendix forms an integral part of this certificate. The certified organization shall
accept and pass surveillance audits at regular intervals to keep this certificate sustainedly effective.)

Certificate No.: 098 22 En1 009 R1 L

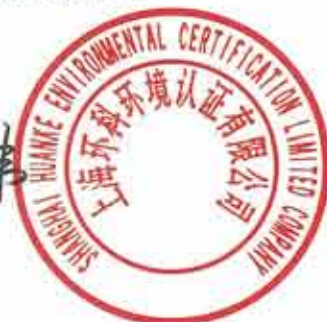
Date of issue: Feb.10, 2022

Date of expiry: Jan.04, 2024

Date of initial: Jan.05, 2018

Issued by:

朱子伟



中国认可
管理体系
MANAGEMENT SYSTEM
CNAS C098-M



SCAN THE QR CODE TO VERIFY THIS CERTIFICATION.

CERTIFICATE INFO CAN BE INQUIRED ON THE OFFICIAL WEBSITE OF CNCA(WWW.CNCA.GOV.CN)



上海环科环境认证有限公司

Shanghai Huanke Environmental Certification Co., Ltd.

Appendix to Energy Management System Certificate

Certificate No.: 098 22 En1 009 R1 L

Organization Name: Tech-Com(Shanghai)Computer Co., Ltd.

Registered Address: Number 68, Sanzhuang Road, Songjiang District, Shanghai, P.R.China

Production Address: Number 68, Sanzhuang Road, Songjiang Comprehensive Bonded Zone, Shanghai, P.R.China

Scope of Certification: The energy management of computer and laptop and their parts in energy purchase, energy transmission / distribution, energy usage and reuse of waste heat/energy, which is carried out in F1,F4,F5,F6,F7 building at Number 68, Sanzhuang Road, Songjiang Comprehensive Bonded Zone, by Tech-Com(Shanghai)Computer Co., Ltd .

Certificate Criteria:

GB/T 23331-2020 / ISO 50001:2018 Energy Management System-Requirements with Guidance for Use
RB/T 101-2013 Energy management systems-Requirements for certification on electronics and information enterprises

Expiry Date of This Appendix: Feb. 09, 2023

Energy Performance and EnMS Boundaries:

Audit Type and Date	Energy Consumption	Energy Management System Boundaries
19,Jan. 2022 surveillance audit	Jan.- Dec. 2021 computer and laptop and their parts unit power consumption: 3.60 tce/10 ⁴ pcs	F1
	computer and laptop and their parts unit power consumption: 32.48 tce/10 ⁴ pcs	F4
	computer and laptop and their parts unit power consumption: 7.04 tce/10 ⁴ pcs	F5
	computer and laptop and their parts unit power consumption: 6.50 tce/10 ⁴ pcs	F6
	computer and laptop and their parts unit power consumption: 9.69 tce/10 ⁴ pcs	F7
	Output value unit energy consumption: 0.0032 tce/10 ⁴ RMB	Number 68, Sanzhuang Road, Songjiang Comprehensive Bonded Zone, Shanghai, P.R.China





上海环科环境认证有限公司

Shanghai Huanke Environmental Certification Co., Ltd.

Energy Management System CERTIFICATE

We hereby certify that

Tech-Giant(Shanghai)Computer Co., Ltd.

(Unified Social Credit Code: 91310000607424598G)

(Registered address: A,B,C# No.68, Rongjiang Road, Songjiang District, Shanghai,P.R.China)

(Production and operation address:A,B,C# No.68, Rongjiang Road, Songjiang Comprehensive Bonded Zone,
Shanghai, P.R.China)

by reason of its Energy Management System
has been awarded this certificate for compliance with the standards

GB/T 23331-2020 / ISO 50001:2018

**Energy Management Systems-Requirements with Guidance for Use
RB/T 101-2013**

**Energy Management Systems - Certification Requirements for
electronics and information enterprises**

The Energy Management System applies in the following area:

Procurement, transformation, transmission, usage of energy and application of energy saving technology associated with production and assembling for POS machine and SMT of vehicle navigation equipment, and repairing for Apple substrate, which is carried out at A、 B、 C# No. 68, Rongjiang Road,Songjiang Comprehensive Bonded Zone, by Tech-Giant(Shanghai) Computer Co., Ltd. in Shanghai Guangda manufacturing city.

(The energy performance and boundaries are detailed in the attached appendix bearing the same certificate number. The appendix forms an integral part of this certificate. The certified organization shall accept and pass surveillance audits at regular intervals to keep this certificate sustainedly effective.)

Certificate No.: 098 22 En1 010 R1 M

Date of issue: Feb.10, 2022

Date of expiry: Jan.04, 2024

Date of initial: Jan.05, 2018

Issued by:

徐子伟



中国认可
管理体系
MANAGEMENT SYSTEM
CNAS C098-M



SCAN THE QR CODE TO VERIFY THIS CERTIFICATION.

CERTIFICATE INFO CAN BE INQUIRED ON THE OFFICIAL WEBSITE OF CNCA(WWW.CNCA.GOV.CN)



上海环科环境认证有限公司

Shanghai Huanke Environmental Certification Co., Ltd.

Appendix to Energy Management System Certificate

Certificate No.: 098 22 En1 010 R1 M

Organization Name: Tech-Giant(Shanghai)Computer Co., Ltd.

Registered Address: A,B,C# No.68, Rongjiang Road, Songjiang District, Shanghai,P.R.China

Production Address: A,B,C# No.68, Rongjiang Road, Songjiang Comprehensive Bonded Zone, Shanghai, P.R.China

Scope of Certification: Procurement, transformation, transmission, usage of energy and application of energy saving technology associated with production and assembling for POS machine and SMT of vehicle navigation equipment, and repairing for Apple substrate, which is carried out at A、 B、 C# No. 68, Rongjiang Road,Songjiang Comprehensive Bonded Zone, by Tech-Giant(Shanghai) Computer Co., Ltd. in Shanghai Guangda manufacturing city.

Certificate Criteria:

GB/T 23331-2020 / ISO 50001:2018 Energy Management System-Requirements with Guidance for Use
RB/T 101-2013 Energy management systems-Requirements for certification on electronics and information enterprises

Expiry Date of This Appendix: Feb. 09, 2023

Energy Performance and EnMS Boundaries:

Audit Type and Date	Energy Consumption	Energy Management System Boundaries
20,Jan. 2022 surveillance audit	Jan.- Dec. 2021 Repairing for Apple substrate unit power consumption: 9.88 tce/10 ⁴ pcs POS machine and SMT of vehicle navigation equipment unit power consumption: 5.49 tce/10 ⁴ pcs Output value unit energy consumption: 0.257 tce/10 ⁴ RMB	QBUS-B QBUS-C A, B, C# No.68, Rongjiang Road, Songjiang Comprehensive Bonded Zone, Shanghai, P.R.China

