



NB Slim Universal Adapter

90W / 120W



Introduction

NB Slim universal notebook adapter ranges 90W and 120W. NB Slim series featured with close to half thinner thickness compared with traditional adapter, although size is smaller than regular, efficiency keeps over 87%, and conform to DOE VI standards.

Besides, NB Slim includes 9 exchangeable tips, it's compatible with ACER, ASUS, HP, LENOVO...branded notebooks.

FSP NB Slim series also engineering multiple circuit protections of OCP, OVP, SCP and OTP, and get global safety certificated to keep you and your notebook in safe.

Features

- AC Input:100-240V (Worldwide usage)
- Compatible with 18~20V input laptops
- High efficiency > 87%, power standby <0.1W
- Thickness of 25.4mm is half thinner than regular adapter.
- Compatible with most popular brands of notebooks
- Complete circuit protections: Over Circuit Protection(OCP), Over Voltage Protection(OVP), Short Circuit Protection(SCP), Over Temperature Protection(OTP)
- Meets DOE VI, CEC efficiency standards
- Multiple safety approval



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Product Overview

High Efficiency, Energy-saving

NB Slim efficiency meets DOE VI Standards, over 87% efficiency in operation and less 0.1 W in standby mode.



FSP 全漢企業股份有限公司
FSP TECHNOLOGY INC.

NB Slim 90

Switching Power Adapter 電源供應器

MODEL NO./型號 FSP090-ABCN2
AC INPUT/輸入 100-240Vac, 1.2A, 50-60Hz
DC OUTPUT/輸出 19V=4.74A

CAUTION / 警告 / Attention
For indoor use only.
For use with information Technology Equipment.
室內使用，適用於資訊類產品。
Conçu uniquement pour un usage intérieur.
Pour les équipements de traitement de l'information.
This device complies with Part 15 of the FCC Rule. 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.

Efficiency Level : VI

RoHS

P/N S/N

Fortron/Source (Europe) GmbH
Carl-Friedrich-Benz-Strasse 13, D-47877 Willlich, Germany
Tel: 49-2154-894-012-0

Made in China 中國製造 6LL1581003GP **

Efficiency Level : VI

Why should we choose high efficiency power supply adapter?

The EPA estimates that external power supply efficiency regulations implemented over the past decade have reduced energy consumption by 32 billion kilowatts, saving \$2.5 billion annually and reducing CO2 emissions by more than 24 million tons per year, let's continue to implement green power supply and make our environment greener.



For Internal Use Only



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Product Overview

Thickness is close to half thinner, lighter and save more space.

Thinner!



NB CEC 120W



NB SLIM 120W

360° Safety Circuit Protection

NB Slim series is engineering multiple circuit protections of Over Circuit Protection(OCP), Over Voltage Protection(OVP), Short Circuit Protection(SCP), Over Temperature Protection(OTP) and get global safety certificated.



For Internal Use Only

Product Overview

High Compatibility










NB Slim includes 9 exchangeable tips to support most branded notebooks.



& More!

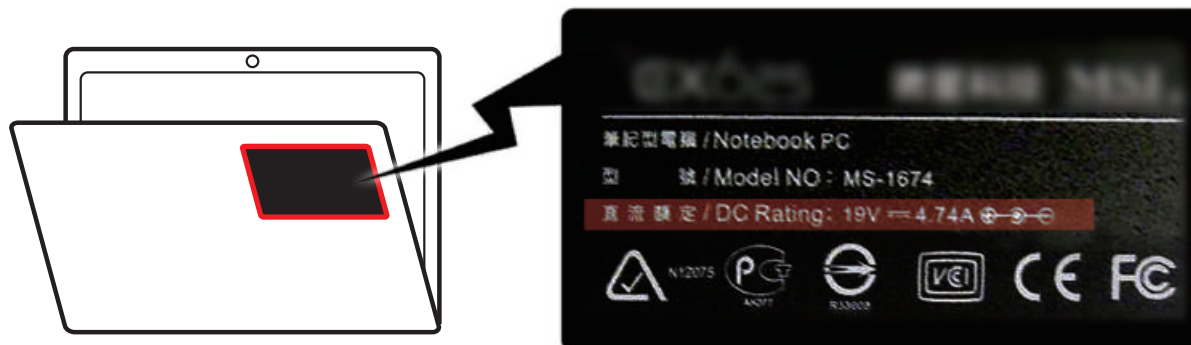
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NB Slim Compatibility List

									
Tips Number	1	2	3	4	5	8	9	10	U8
Outer(mm)	4.75	5.5	5.5	5.5	6.3	7.9	7.4	5.5	11
Inner(mm)	1.7	1.7	2.1	2.5	3.0	0.9	0.6	1.0	4.65
Color	Yellow	Orange	Blue	White	Green	Black	Red	Yellow	Yellow
Compatibility	ACER ASUS HP LG	ACER	Gateway Hitachi lenovo NEC SHARP Twinhead	ACER ASUS COMPAQ Fujitsu Gateway Hitachi HP IBM NEC Panasonic Philips Toshiba Winbook LG	ASUS	IBM Lenovo	HP	Samsung	Lenovo Yoga series

For Internal Use Only

How to select the adapter for my notebook?



(a) Check the label on the notebook bottom

or



(b) Check the label of your adapter

Voltage(V) x Current(A)= NB Wattage

Ex: 19V x 2.37A = 45W

19V x 3.42A = 65W

19V x 4.74A = 90W

Specifications



Product Name	NB Slim 90	NB Slim 120
Output Watt	90W	120W
Output Voltage	19V	19V
Output Current	4.74A	6.32A
Input Voltage	100-240Vac	100-240Vac
Input Frequency	50-60Hz	50-60Hz
Efficiency	More than 88%	More than 88%
Standby power consumption	≤0.1W	≤0.1W
No. of Tips	9	
Operating Temperature	0-40°C	
Protection	SCP / OCP / OVP / OTP	
Dimension	140 x 65.1 x 25.4mm	151.3 x 75.6 x 25.4mm
Weight	233g	415g



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Package Information

Product Name	NB Slim 90	NB Slim 120
Model Name	FSP090-ABCN2	FSP120-ABCN2
EAN Code	471114048276 7	471114048275 0
UPC Code	84568500351 5	84568500350 8
Shipping Dimensions (L×W×H)	x x mm	x x mm
Shipping Weight	g	g
Unboxed Product Weight	g	g
Master Pack Dimension (L×W×H)	x x mm	x x mm
Master Pack Quantity	PCS	PCS
Master Pack Weight	N/A	N/A
Pallet Quantity (Per Layer)	N/A	N/A
Country of Origin	China	China
Warranty	3-Year	3-Year
Additional Information		