



Mini Universal Notebook Power Adapter

Automatic Adjustable Voltage, 5 Output Levels, 40 W

Part No.: **101622**

Provides a power solution for mobile computing needs.

Give mobile computing a boost with reliable, high-performance power when and where it's needed. Five DC output plug tips match popular mini notebook computers and netbooks from Acer, Asus, Samsung, Lenovo and HP. Automatic voltage detection and adjustment removes the guesswork and reduces the risk of damage to sensitive mobile computers and other portable devices. Ideal for power supply replacement, upgrade or spare power needs.

Features:

- Automatically selects among five voltage output levels to provide a broad mobile power solution — from 9.5 to 20 V
- Convenient, single power source for mobile computers and other portable devices
- Compatible with most mini notebook computers and netbooks from Acer, Asus, HP and Lenovo
- Five convertible plug tips ensure proper polarization and fit
- Overload, overcurrent and overheat protection
- Lightweight and compact design easily stores for travel
- Lifetime Warranty

Specifications:

Standards and Certifications

- FCC
- CE
- WEEE
- RoHS

Power Cable

- UL
- cUL

General

- AC input: 100 – 240 V; 50 – 60 Hz

For more information on Manhattan products, consult your local dealer or visit www.manhattan-products.com.

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- DC output: 9.5 – 20 V; maximum 3.5 A; 40 W
- Voltage/current settings (maximum):
 - 9.5 V - 3.5 A
 - 12 V - 3.33 A
 - 18.5 V - 2.1 A
 - 19 V - 2.1 A
 - 20 V - 2.0 A

Input Characteristics

- AC rated voltage: 100 – 240 V
- AC voltage range: 90 – 264 V
- Frequency range: 50 – 60 Hz (± 3 Hz)
- Current: 1 A max
- No-load power consumption: ≈ 0.5 W

Output Characteristics

- Rated voltage: 9.5 / 12 / 18.5 / 19 / 20 V (autoset by output tips)
- Peak load current: 3.5 A maximum (at constant voltage mode)
- Rated power: 40 watts maximum
- Ripple and noise: $\approx 2\%$ of output voltage (peak-to-peak)

Protection Characteristics

- Short circuit: auto recovery mode
- Primary current protection: an internal fuse on the AC input line
- Dielectric withstand voltage, primary (input AC short)-to-secondary (output DC short): 3000 VAC, 5 mA, 1 minute
- Leakage current ≈ 0.25 mA
- Insulation resistance, Input to output: 10M Ω at 500 VDC
- Reinforced insulation system, primary-to-ground and primary-to-secondary

Physical

- DC plug tips: (4.8 x 1.7 x 9.5 mm @ 9.5 V), (4.8 x 1.7 x 9.5 mm @ 12 V), (4.8 x 1.7 x 9.5 mm @ 18.5 V), (4 x 1.7 x 9.5 mm @ 19 V), (5.5 x 2.5 x 12 mm @ 20 V)
- Cable (combined length): 1.6 m (5.5 ft.)
- Dimensions: 97 x 44 x 27 mm (3.8 x 1.7 x 1.1 in.)
- Weight: 241 g (8.5 oz.)

Package Contents

- Mini Notebook Power Adapter
- 5 DC plug tips and user manual

Compatible with:

AMI: (use 4.0 x 1.7 / 19V DC plug tip)
--TF6720, TF6760, FT8850

ASUS : (use 4.8 x 1.7 / 12V DC plug tip)
--ASUS Eee PC Series 900, 900A, 900HA, 900HD, 900SD, 901, 904HA, 1000, 1000H,

1000HA, 1002HA, 1000XP, --S101, etc., ASUS Eee PC 901, 1000, 1000H, R2H, ASUS R2 Series R2E, R2H, R2Hv, ASUS Eee Videophone AiGuru SV1

ASUS: (use 4.8 x 1.7 / 9.5V DC plug tip)

--AD59230 90-OA00PW9100 24W-AS03

--Models: ASUS Eee PC 700, ASUS Eee PC 701, ASUS Eee PC 701SD, ASUS Eee PC 701SDX, ASUS Eee PC 900, ASUS --Eee PC 2G Surf, ASUS Eee PC 4G, ASUS Eee PC 4G Surf, ASUS Eee PC 8G

Compaq: (use 4.0 x 1.7 / 19V DC plug tip)

--Compaq Mini 700ED Series: NF283EA, NF283EAR, Compaq Mini 700EF Series: NF291EA, NF291EAR, Compaq Mini --700EI Series: NG638EA, NG638EAR, Compaq Mini 700EK Series: NF289EA, Compaq Mini 700EL Series: NF288EA, --NF288EAR, Compaq Mini 700EM Series: NF277EA, NF277EAR,

--Compaq Mini 700EN Series: NG621EA, NG621EAR, Compaq Mini 700ER Series: NF276EA, Compaq Mini 700ET Series: --FT309EA, FT309EAR, Compaq Mini 700EW Series: NG622EA, NG622EAR, Compaq Mini 701ED Series: NG647EA, --Compaq Mini 701EG Series: NG635EA, NG635EAR, Compaq Mini 701EI Series: NF293EA, Compaq Mini 701EM Series: --NF279EA, Compaq Mini 701ER Series: NF278EA, Compaq Mini 701ES Series: NG643EA, NG643EAR, Compaq Mini --701ET Series: FT308EA, FT308EAR, Compaq Mini 702EA Series: NF280EA, NF280EAR, Compaq Mini 703EA Series: --NF281EA,

--Compaq Mini 705EI Series: NG649EA, Compaq Mini 705ES Series: NP770EA, Compaq Mini 730EJ Series: NP635EA, --Compaq Mini 730EO Series: NP765EA, NP765EAR, Compaq Mini 730EQ Series: NG661EA, Compaq Mini 731EI Series: --NU803EA, Compaq Mini 731ET Series: NP649EA, Compaq Mini 733EB Series: NT384EA, Compaq Mini 733EF Series: --NP775EA, Compaq Mini 735EF Series: NS519EA,

--Compaq Mini 735EI Series: NT385EA, Compaq Mini 735EQ Series: NS522EA, Compaq Mini 735ES Series: NS518EA, --NS518EAR

HP/COMPAQ: (use 4.8 x 1.7 / 18.5V DC plug tip)

--HP PAVILION / COMPAQ PRESARIO: HP/COMPAQ 710C, HP/COMPAQ 712C, HP/COMPAQ 720C, HP/COMPAQ 722C, --HP/COMPAQ 810C, HP/COMPAQ 812C, HP/COMPAQ 815C, HP/COMPAQ 820, HP/COMPAQ 820CSE, HP/COMPAQ --820, HP/COMPAQ 825C, HP/COMPAQ 830C, HP/COMPAQ 832C, HP/COMPAQ 840C, HP/COMPAQ 841C, HP/COMPAQ --842C, HP/COMPAQ 843C, HP/COMPAQ 845C, HP/COMPAQ850C, HP/COMPAQ855C, HP/COMPAQ 855CSE, --HP/COMPAQ 855CXI, HP/COMPAQ 870CSE, HP/COMPAQ 870CSI, HP/COMPAQ 880C, HP/COMPAQ 882C, --HP/COMPAQ 890CSE, HP/COMPAQ 890CSI, HP/COMPAQ 895CSE, HP/COMPAQ 895CSI, HP/COMPAQ 920C, --HP/COMPAQ 960C, HP/COMPAQ 960CXI

HP: (use 4.0 x 1.7 / 19V DC plug tip)

--HP Mini 1000 PCs, HP Mini 1001TU Series: NE570PA, NE570PAR, HP Mini 1001XX Series: NC953AS, HP Mini 1002TU --Series: NE571PA, HP Mini 1002XX Series: NC954AS, HP Mini 1003TU Series: NE572PA, HP Mini 1004TU Series: --NE573PA, HP Mini 1005TU Series: NE574PA, HP Mini 1006TU Series: NE575PA, HP Mini 1007TU Series: NE576PA, HP --Mini 1008TU Series: NE577PA, HP Mini 1009TU Series:

NE578PA, HP Mini 1010LA Series: FY348LA, HP Mini 1010NR --Series: FT315UA, FT315UAR, HP Mini 1010TU Series: NE579PA, HP Mini 1011TU Series: NE580PA, HP Mini 1012TU --Series: NE581PA, NE581PAR, HP Mini 1013TU Series: NE582PA, HP Mini 1014TU Series: NE585PA, HP Mini 1015TU --Series: NE590PA, HP Mini 1016TU Series: NE594PA, HP Mini 1020LA Series: NG837LA, HP Mini 1021TU Series: --NL100PA, HP Mini 1022TU Series: NL101PA, HP Mini 1023TU Series: NQ149PA, HP Mini 1024TU Series: NQ150PA, HP --Mini 1025TU Series: NQ155PA, HP Mini 1030NR Series: FW376UA, FW376UAR, HP Mini 1033CL Series: FZ978UA, --FZ978UAR, HP Mini 1035NR Series: FT313UA, FT313UAR, HP Mini 1050LA Series: NQ332LA, HP Mini 1090LA Series: --NJ209LA

--HP Mini 1000 CTO Series:

--FN819AV, FQ729AAR, FQ729AV, FR832AV, FV436AAR, FV436AV, NB914AV, NJ683AAR, NJ683AV, NP763AV

--HP Mini 1000 Vivienne Tam Edition PC:

--HP Mini 1018TU Vivienne Tam Edition Series: NL037PA, NL037PAR, HP Mini 1019TU Vivienne Tam Edition Series: --NL038PA, HP Mini 1020TU Vivienne Tam Edition Series: NL039PA, HP Mini 1097EI Vivienne Tam Edition Series: --NG645EA, HP Mini 1098EI Vivienne Tam Edition Series: NG646EA, HP Mini 1099EA Vivienne Tam Edition Series: --NG633EA, NG633EAR, HP Mini 1099ED Vivienne Tam Edition Series: NG624EA, NG624EAR, HP Mini 1099EE Vivienne --Tam Edition Series: NG640EA, HP Mini 1099EF Vivienne Tam Edition Series: NG628EA, NG628EAR, HP Mini 1099EI --Vivienne Tam Edition Series: NG652EA, HP Mini 1099EK Vivienne Tam Edition Series: NG644EA, HP Mini 1099EL --Vivienne Tam Edition Series: NG630EA, NG630EAR, HP Mini 1099EM Vivienne Tam Edition Series: NG641EA, HP Mini --1099EN Vivienne Tam Edition Series: NG634EA, NG634EAR, HP Mini 1099EP Vivienne Tam Edition Series: NG626EA, --HP Mini 1099ER Vivienne Tam Edition Series: NG631EA, HP Mini 1099ES Vivienne Tam Edition Series: NG627EA, --NG627EAR, HP Mini 1099ET Vivienne Tam Edition Series: NG632EA, NG632EAR, HP Mini 1099EW Vivienne Tam Edition --Series: NG625EA, NG625EAR,

--HP Mini 1100 PCs:

--HP Mini 1100CM Series: KS167UT, HP Mini 1101TU Series: NQ159PA, HP MINI 1101XX Series: NR200AS, HP Mini --1102TU Series: NQ160PA

Lenovo: (use 5.5 x 2.5 / 20V DC plug tip)

--Lenovo IdeaPad S9 series, Lenovo IdeaPad S9e series, Lenovo IdeaPad S10 series, Lenovo IdeaPad S10 - --423135U (Black), Lenovo IdeaPad S10 - 423134U (White), Lenovo IdeaPad S10 - 423132U (Pink), Lenovo IdeaPad --S10 - 423137U (Blue), Lenovo IdeaPad S10 - 423133U (Red), Lenovo IdeaPad S10 - 42312CU (White), Lenovo --IdeaPad S10 - 42312DU (Red), Lenovo IdeaPad S10 - 42312AU (Pink), Lenovo IdeaPad S10e Series, Lenovo --IdeaPad S10-2, S10-3, S10-3T, Lenovo IdeaPad S12 Series

MSI: (use 5.5 x 2.5 / 20V DC plug tip)

--Wind U115 Hybrid series, U90, U100, U110, U120, U120H, U123, U123t, U130, U210

