



# UNICORN COMPUTER CORP.

ADD : 3FL-4., No. 130, Chien-Kung Rd., Chung-Ho City, Taipei Hsien, Taiwan 235

TEL : 886-2-2223-6699 • 2223-6655

FAX : 886-2-2222-1269

<http://www.unicorn-computer.com.tw>

E-Mail : [sales@unicorn-computer.com.tw](mailto:sales@unicorn-computer.com.tw) • [support@unicorn-computer.com.tw](mailto:support@unicorn-computer.com.tw)

## AD-24080



### 80W AC-DC Single Output power adapter

#### Features:

- 4 pole AC inlet IEC320-C13
- Class I power (with earth pin)
- 80 Watts, with active PFC function
- Single Output Switching Adapter defines the world wide safety and EMC requirements
- Full enclosed plastic case
- Compliant with UL/CSA/TUV/IEC60950 standards.

#### Electrical Specifications:

##### ● INPUT REQUIREMENTS

Description	Min	Typical	Max.	Condition
Input Voltage	90VAC	115/230V	264VAC	Full Range : 50/60Hz
Input Current	-	-	1.5A	90 VAC 50Hz
Line Frequency	47Hz	50/60Hz	63Hz	-
Inrush Current	-	-	50A	230VAC Cold Start
Efficiency	-	80%	-	115VAC at full load
Power Factor Correction	-	0.9	-	at full load



# UNICORN COMPUTER CORP.

ADD : 3FL-4., No. 130, Chien-Kung Rd., Chung-Ho City, Taipei Hsien, Taiwan 235

TEL : 886-2-2223-6699 • 2223-6655      FAX : 886-2-2222-1269

<http://www.unicorn-computer.com.tw>

E-Mail : [sales@unicorn-computer.com.tw](mailto:sales@unicorn-computer.com.tw) • [support@unicorn-computer.com.tw](mailto:support@unicorn-computer.com.tw)

## ● OUTPUT CHARACTERISTICS

NOMINAL VOLTAGE	TOTAL REGULATION	OUTPUT		RIPPLE & NOISE
		MIN.	MAX.	
+24V	±5%	0A	3.34A	240mV

- Hold Up Time: at least 16 ms after losing input power under full loading.
- Overshoot at Turn-On/Turn-Off: less than +/-10% of the output voltage values
- Over Voltage Protection: From +26.4V to +31.2V
- Over Load Protection: overloading reaches 110%~160% Max.

## Environment Specifications:

- Operating temperature: 0 to 40 °C @ Relative Humidity 20 to 90 %, on-condensing
- Storage temperature: -10 to +70 °C @ Relative Humidity 20 to 90 %, non-condensing
- MTBF: 100,000 hours min. at max. load for 25 °C ambient temperature

## Mechanical Dimension:

- Outside dimension: 132(L) X 69(W) X 40(H)mm