



UNICORN COMPUTER CORP.

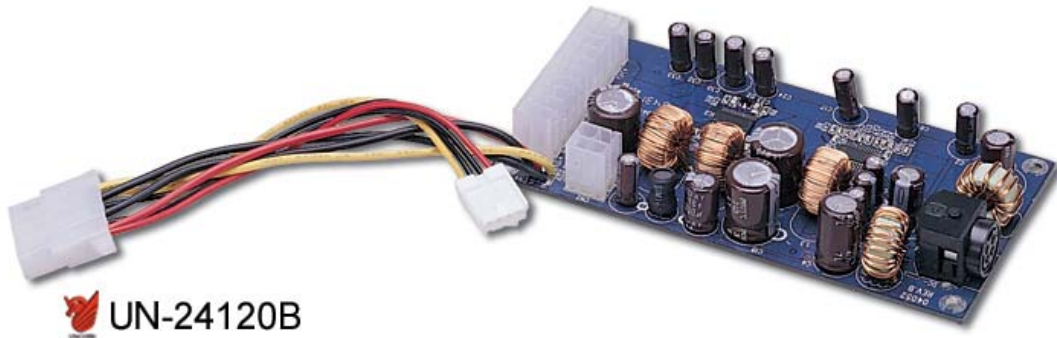
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UN-24120B DC/DC Converter



ATX DC-DC converter, 120W DC-DC Type:

Features

- Total Power : 120Watts
- Input : 18.0~28.0VDC
- Output : +3.3V, +5V, +12V, -12V, +5VSB
- Dimension: L120×W60×H22mm

ELECTRICAL SPECIFICATIONS

- **INPUT**
 - 18.0~28.0VDC wide range input
 - Ideal for small form factor (SFF) application
 - Efficiency: 85% typical at full load



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■ OUTPUT

Maximum power: 120W

DC Outputs Voltage: +3.3V, +5V, +12V, -12V, +5VSB, & PS-ON

Total regulation : $\pm 5\%$

Short circuit protection: Short circuit protection on all outputs.

Over load protection: An over load protection will be effected when either of the loadings +5V & +3.3V exceeds +110% to 160%.

Over voltage protection: 5.6 to 6.5 VDC on +5V output

With 20 & 4 pin connector on PCB or with wire harness are available

■ DC OUTPUT & FEATURES

OUTPUT	Min.	Max.	O/P Regulation	Ripple (Vp-p)
+3.3V	0A	5A	5%	100mV
+5V	0A	6A	5%	100mV
+12V	0A	5A	5%	200mV
-12V	0A	0.1A	10%	200mV
+5Vsb	0A	2.5A	5%	100mV
PW-OK	P.G. : 100ms - 500ms			
PS-ON	Remote			
COM.	Return			

Note:1. Peak-to-peak with 20MHz bandwidth with a tantalum 10uF in parallel with a 0.1uF ceramic capacitor.