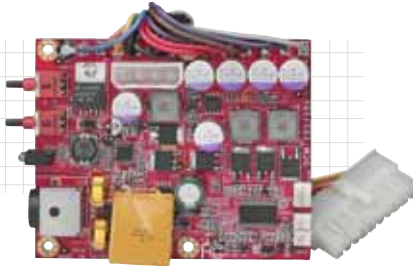


TBM-DCX150

Tiny-Bus 150 Watt DC/DC ATX Power Converter
Based on Embedded Tiny-Bus Form Factor
19 to 24VDC Input and ATX Power Output



Key Features

The TBM-DCX150 is an industrial DC-to-DC power converter based on the Tiny-Bus® type form factor, offering 150 watt ATX power output with external power input, LED and button for the small form factor (SFF) x86-based applications with Tiny-Bus® expansion solution.

- 150 watt of power capacity with ATX power output.
- 8A MAX at +12V of power output for Intel mobile Core 2 Duo, Core, Pentium M, AMD Geode NX and VIA C7-Eden platform.

Specification

150 watt DC to DC power converter based on Tiny-Bus® Modular Expansion Solution with 3.3V, 5V, 12V, -12V, 5Vsb ATX power output.

Power Input

Full range 19 to 24VDC power input with 8A MAX
Onboard Polymeric PTC (PPTC) fuse protection
External 4-pin miniDIN DC jack connector with power-in / system-on LED
External power-on and reset button, internal connector for motherboard.

Power Output

+3.3V with 5A MAX
+5V / 5Vsb with shared 8A MAX
+12V with 8A MAX
-12V with 0.5A MAX
Over / under voltage protection : all output
ESD protection : 3.3V, 5V, +12V, 5Vsb
Total power capacity : 100 watt
Internal 20-pin ATX and 4-pin +5V / +12V power connectors

Dimension

74.5 x 91.5 x 15 mm (W x L x H) Tiny-Bus® type form factor

Ordering Code

TBM-DCX150E	Tiny-Bus® 150W DC/DC ATX Power Converter with External 4-pin DC Power Jack
TBM-DCX150-OEM	Tiny-Bus® 150W DC/DC ATX Power Converter with Customized DC Power Connector

Mechanical Drawing

