

Application #032

AMT-N6347 19" Rack PC c/w Inbuilt UPS (Telecommunications)



The Product

The AMT-N6347B is a combination of our main expertise at Amtex; i.e. computers and power supplies.

The product consists of the SBC-357/4M which is a low cost 386SX-40 half size CPU card with 4MB of RAM built in, together with a conglomeration of power supplies and inverters (including 150 watt 240V AC in/28V DC out **AC power supply**; 25 watt 24V DC in/5 & 12 V DC out **DC to DC converters**; 12V DC in/ 240V out **inverter**; and 240V AC in/ 10V AC out **transformer**; 2 x 24 volt **batteries**): all housed within a 2U high 19 inch Rack chassis.

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The Application

The application for this product is for a battery backed PC to detect incoming calls to a emergency government utility. The comm ports speak to the various hardware involved in the process of detecting the incoming phone number and send the information ahead of the caller to the switch operator.

The AMT-N6347B will run the onboard single board computer and also the line grabber peripheral hardware in the case of a power loss for 10 hours.

Features

- Sourced and built in-house at AVisum Pty Ltd.
- Combination of PC and Power Supply technology expertise.
- Custom made mounting brackets and wiring to suit the battery and power supplies.
- Our ability to provide the prototype and modify as desired to ensure the right product performance.