

80186 8MHz CPU CARD-6016

The Pulsar 6016 80186 CPU card has been designed with the multi user environment in mind. The 6016 CPU card may also be used as a stand-alone device running either Turbodos V1.41, CP/M86, or MSdos operating systems.

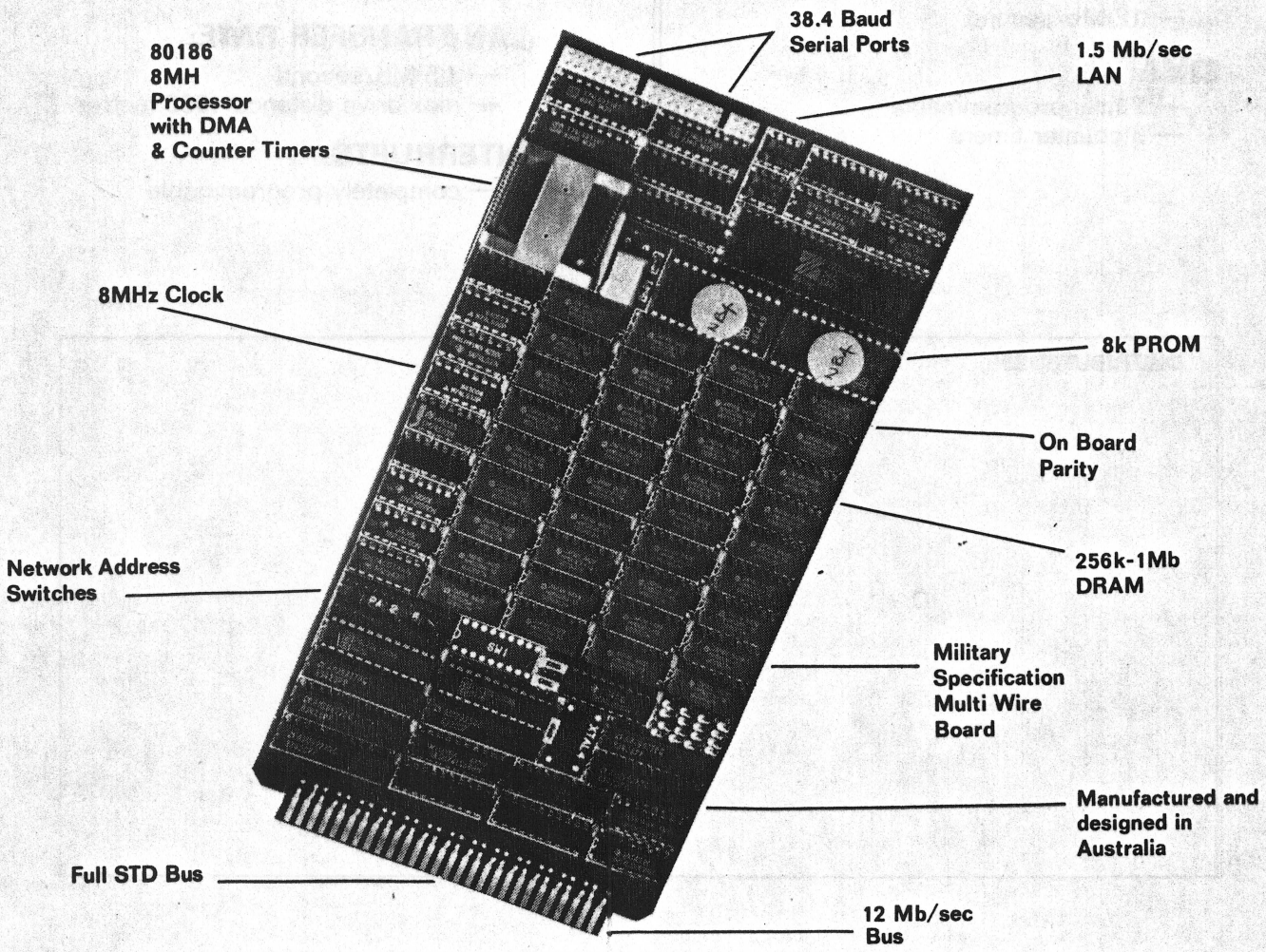
The 6016 CPU card was designed using state of the art Mil Spec multi-wire technology circuit board. This technology ensures a very high degree of reliability. The 6016 CPU card carries a full 12 months parts and labour warranty.

Two fully programmable DMA channels handle transfers to STD bus peripherals and

the parallel and serial networks. STD bus interrupts can use the on board vector generation logic.

The 6016 CPU card may be supplied ex factory with either megabyte or 256k of DRAM on board. On board DIP switches enable the card to be configured as either a master or slave in the network environment.

The 6016 CPU card meets all STD bus electrical specifications. The 80186 card is fully designed and built in Australia to exacting tolerances.



BUS INTERFACE:

- STD BUS

EXTERNAL CONNECTIONS:

- 2 x RS232 ports
- 1 x RS485 LAN port

DIMENSIONS:

- 114.3 mm (4.5in) width by
- 221 mm (8.75in) length

POWER REQUIREMENT:

- 3 amp at 5 volts
- 100 mA \pm 12 volts

OPERATING ENVIRONMENT:

- 0°-70°C

BUS DATA TRANSFER RATE:

- 12 Mb/second

DMA:

- 2 fully programmable
- 3 counter timers

RAM AVAILABLE:

- 256 k min
- 1 Megabyte max

CLOCK RATE:

- 8 MHz

SERIAL PORTS SPEED:

- 50 baud min
- 34.4k baud max
- Supporting A-sync
- Bi-sync
- SDLC
- HDLC
- and other bit protocols

PROM AVAILABLE:

- 4k min
- 8k max

LAN TRANSFER RATE:

- 1.5 Mb/second
- max drive distance 4000 metres

INTERRUPTS:

- completely programmable

DISTRIBUTED BY: