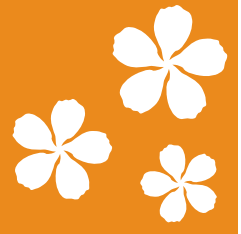


# Pushpam

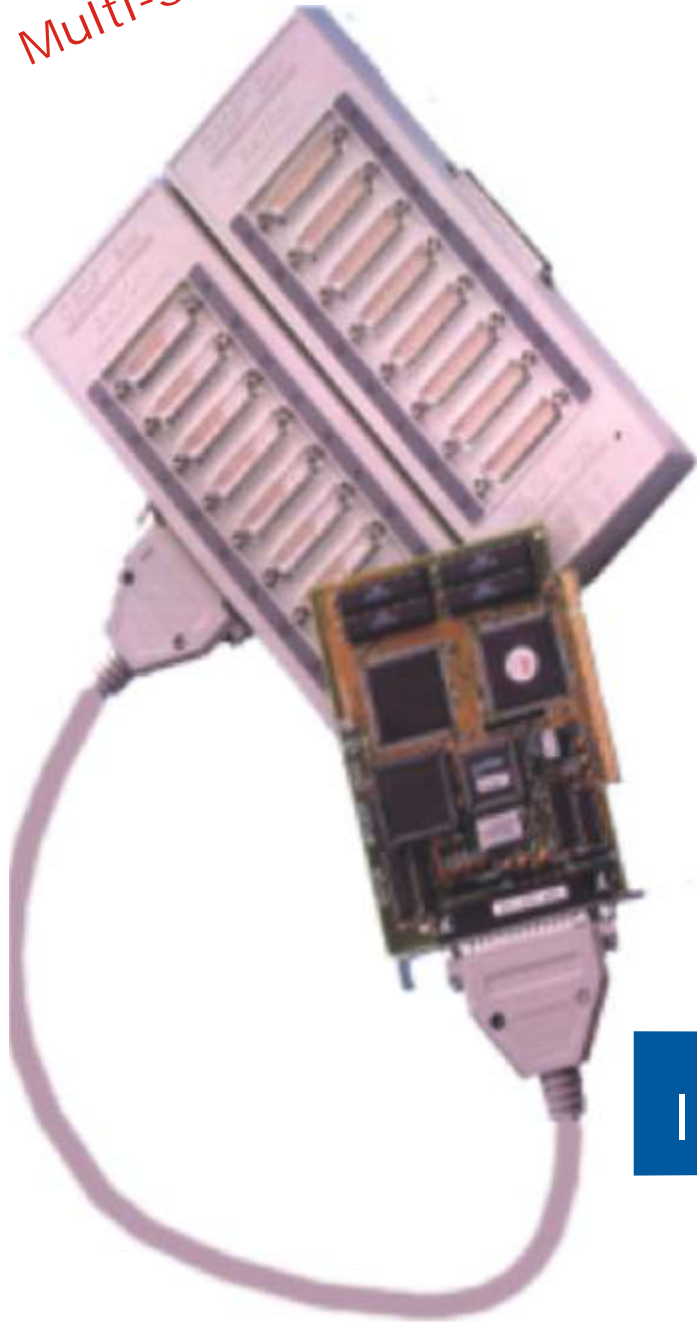
Expanding IT Horizon



**PUSHPAM**

Estd. 1990

Multi-Serial Port Cards - P 990 RAS-PRO Card



Intelligent Multi Port Card

# Rayon Multi-Serial Port Card - Specifications

## P 990 RAS Pro - Intelligent Multi Port Card

50MIPS Performance in Windows NT & Unix system  
Built-in Intel 80960 RISC local processor, a workstation grade 32 bit processor, faster and powerful for your system.  
Support 57600 bps and 115200 bps baud rate high speed MODEM.  
Support upto 64 serial ports in one PCI slot.  
Support TCP/IP, PPP, SLIP capability.  
Support Windows NT & Unix System driver.  
Support Surge Protector in TXD/RXD signal line.  
Expand from 8 serial ports to 64 serial ports only need 5 seconds.

### P 990 Specification (System structure)

P990 intelligent multi-port card. Y-model  
F641 multi-port connector box. (P990-F model)

### Serial Communication Controller

Type: 16550A compatible with PGA support.  
Speed: 1.8432MHz. (can be used upto 7.3728MHz )

### System Processor

P990 model: Intel 80960JF-25 CPU  
P990 D model Intel 80960JD-50 CPU

### System memory

128Kbyte cache RAM.

### Hardware Compability

SCO Unix/Xenix  
AT&T Unix system V  
Other Unix/Xenix system  
Windows NT system.

### System address mapping

Non-cache dual port RAM in PCI bus.

### Port capability

Each P990 card can be use with Y641/Y642 box. (P990-Y model)  
Each P990 card can use with F641/F642 box. (P990-F model)  
Each P990 card can support upto 8 boxes in any combination.

### Box specification

#### Interface:

Y641/F641 box: RS232C compatible. 8 ports per box.  
Y642/F641 box RS422 compatible 8 port per box.

#### Baud rate:

Each port can be configured to 110-230400 bps.  
Note: The baud rate setting 50 BPS, 75BPS, 150 BPS in UNIX is used for 57600BPS, 76800BPS, 115200BPS. For P990-F model the baud rate setting 200 bps in UNIX is used for 230400bps.

#### Flow Control:

Xon/XOFF software handshake  
RTS/CTS hardware handshake.

#### Connector type:

Y641/F641 box: DB25 male connector.  
Y642/F642 box: DB25 male connector.

#### Dimensions

Card: 55 x 4.25 inch  
Box: 9.1 x 3.5 inch

#### Environment

Operating temperature 5 to 40 Degree Celsius  
Operating humidity: 10 to 90% RH  
Storage temperature: 0 to 65 Degree Celsius  
Storage humidity: 5 to 90% RH

Note : All the technical and commercial specifications of the product displayed within the brochure, box, media, color, price, etc. are subject to change without any prior notice. No claims would be entertained by Pushpam and/or it's principal vendors in this regards. For all technical and commercial matter, jurisdiction would be Pune city only.

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