



Pure Data

PDI μ C508™ ARCnet® Card for the IBM Personal System/2™

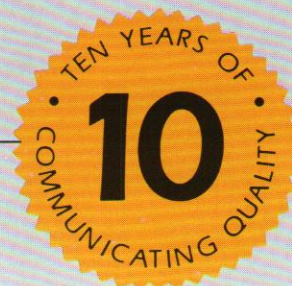
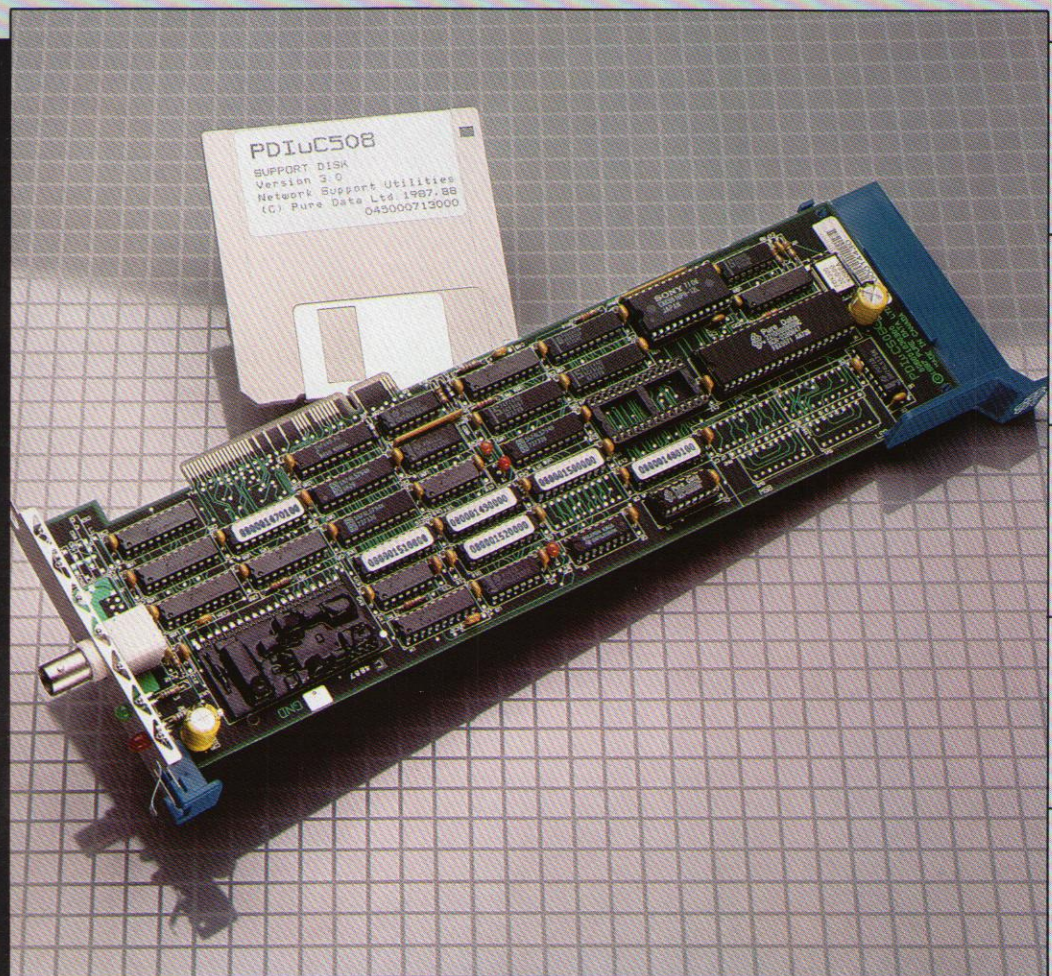
□ ARCnet® Network Interface for the IBM Personal System/2™ – including Models 50, 60 and 80.

□ Novell NetWare™, Banyan VINES™ and Univation LifeNET™ compatible.

□ FCC Class A approved.

□ Premium quality engineering and construction.

□ Diagnostic and utility software included.



FEATURES

HARDWARE

- Fully compatible with the IBM Personal System/2™ Micro Channel™ BUS architecture.
- Adheres to Datapoint's ARCnet® specifications.
- Diagnostic LEDs on the rear bracket to monitor network and system activity at a glance.
- ARCnet® standard sustained data rate of 2.5 Mbps.
- ARCnet® node address – one of 255 possible addresses.
- Up to 2,000 feet between active network nodes.
- Isolated ground female BNC connector for RG-62A/U coaxial cabling.
- Decodes all I/O address lines A15-A0.
- Buffer segment – C000h to DC00h at 400h increments using only 16k.
- I/O base address – covers 02X0h or 03X0h range where X is any hexadecimal number.
- Interrupt level – a choice of any interrupt request lines available in the I/O slot (one of IRQ3 to IRQ7, IRQ9, {same as IRQ2 in the AT}, IRQ10 to 12, IRQ14, IRQ15).

- Response delay: programmable ET1 and ET2 to accommodate larger networks, 20,000 feet between two most distant stations.
- Immediate wait state generation in a 0 wait state system.
- 8 Kbyte EPROM area (300 nS EPROM can be used in the EPROM site).

SOFTWARE

- No DIP switches on board – all options are software configurable.
- Software on the accompanying diskette provides real-time network diagnostics.
- LAN Driver can be disabled through software control – simplifying network diagnostics.

SUPPORT

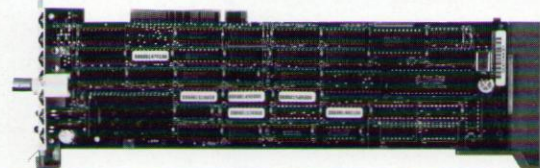
- Comprehensive & fully illustrated manual.
- 1 year warranty & renowned technical support hotline.
- 24-hour Bulletin Board Service (BBS).

DESCRIPTION

The PD1µC508™ is an ARCnet® network interface card (NIC) for IBM's Personal System/2™ microcomputers – including the Model 50, 60 and 80. With the PD1µC508™, the IBM PS/2™ personal computers can be networked to IBM PC/XT/ATs, Compaqs, Zeniths, other PC compatibles and Toshiba portables. The PD1µC508™ is today's *best* value in high performance, reliable local area networking – a Model 60 or 80 fileserver with the PD1µC508™ and NetWare™ 2.1 SFT provides a superior performance/price ratio.

Critically-acclaimed token-passing ARCnet® operates at a sustained 2.5 megabit per second data rate and is capable of supporting up to 255 active nodes per network segment. Independent tests found that *deterministic & predictable* ARCnet® routinely outperformed other local area networking protocols – especially under heavy network traffic. Today, ARCnet® has an installed base of over 800,000 nodes worldwide.

The PD1µC508™ features Pure Data's trademark of 2 diagnostic LEDs on the rear bracket to indicate network and system activity. The user can tell at a glance whether a token is being passed through the system and if the workstation is responding. For additional data security, extended distance and noise immunity the PD1µC508™ is also available using fibre optic cabling. Each PD1µC508™ is "burned-in" at elevated temperatures and fully tested to ensure high reliability. Pure Data's engineering design provides the premium quality that makes the PD1µC508™ the choice for any serious network installation!



ORDERING INFORMATION

Order Code	Description
PD1µC508™	ARCnet® Interface Card for the IBM PS/2, Diskette, Manual

PD1µC508, PDT508, PDI508, PDC508A, PDC504AX, PDC504AI, PDC520A, PDI508Plus and PD1µC504A are trademarks of Pure Data Ltd. T5100, T3100, T1200 and T1100Plus are trademarks of Toshiba, Inc. NetWare is a trademark of Novell, Inc. VINES is a trademark of Banyan Systems, Inc. LifeNET is a trademark of Univision, Inc. ARCnet is a trademark of Datapoint Corp. IBM, PS/2 and Micro Channel are trademarks of International Business Machines Corp.

Other ARCnet® Products from Pure Data:

- PDI508™** ARCnet® Interface Card for the IBM PC, XT, AT, Model 25, Model 30, Compaq, Zenith and compatibles.
- PDI508Plus™** ARCnet® Interface Card for the IBM PC, XT, AT, Model 25, Model 30, Compaq, Zenith and compatibles.
- PDI508/F1™ or PDI508/F2™** Fibre Optic ARCnet® Interface Cards for the IBM PC, XT, AT, Model 25, Model 30, Compaq, Zenith and compatibles.
- PDT508™** ARCnet® Interface Card for the Toshiba T5100™, T3100™, T1200™ and T1100Plus™ Portable Computers.
- PD1µC508/F1™ or PD1µC508/F2™ Fibre Optic ARCnet®** Interface Card for the IBM Micro Channel™ PS/2 Models 50, 60 and 80™.
- PD1µC504A™** 4-port Internal ARCnet® Active Hub for the IBM Micro Channel™ PS/2 Models 50, 60 and 80™.
- PDC504AI™** 4-port Internal ARCnet® Active Hub for the IBM PC, XT, AT, Model 25, Model 30, Compaq, Zenith and compatibles.
- PDC504AX™** 4-port ARCnet® Active Hub.
- PDC508A™** 8-port ARCnet® Active Hub.
- PDC520A™** 20-port Rack-mount ARCnet® Active Hub.

All Pure Data Active Hubs are available with single or dual Fibre Optic Ports.



Pure Data

COMMUNICATING QUALITY

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