

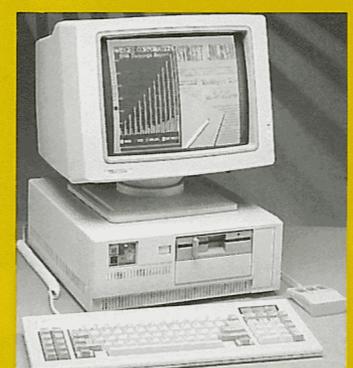
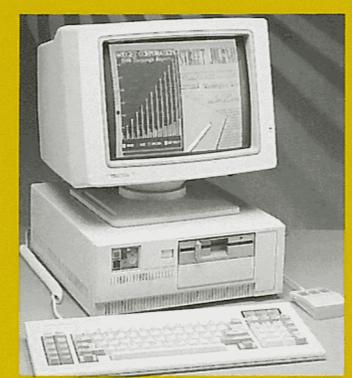
NETWORK PRODUCT SPECIFICATION

TOTAL SOLUTION

SYSTEM SPECIFICATION



M2 LAB PERSONAL COMPUTER FAMILY



	M2-286/12	M2-286/16	M2-386/SX	MM386/25 (with Cache)
CPU	80286-12	80286-16	386-16	80386-25
PROCESSOR SPEED	6.0/12.5 MHZ, 0WS	6.0/16 MHZ, 0WS	6.0/16MHZ, 0WS	8/25 MHZ
OPTIONAL CO-PROCESSOR	80287-6,8,10	80287-6,8,10	80287-10	80287-20/WEITEK 3167
LANDMARK / SI	15.2 MHZ/15.2	20.2 MHZ/18	20.2 MHZ/18	36.1 MHZ/29.7
8 BIT SLOT	1	1	1	2
16 BIT SLOT	4	4	4	6
POWER SUPPLY	150W	150W	150W	200W
CHASSIS	SMALL FOOT-PRINT	SMALL FOOT-PRINT	SMALL FOOT-PRINT	TOWER CASE
STORAGE SPACE	2 x 5.25" 1 x 3.5"	2 x 5.25" 1 x 3.5"	2 x 5.25" 1 x 3.5"	2 x 5.25" HALF HEIGHT 1 x 5.25" FULL HEIGHT 2 x 3.5"

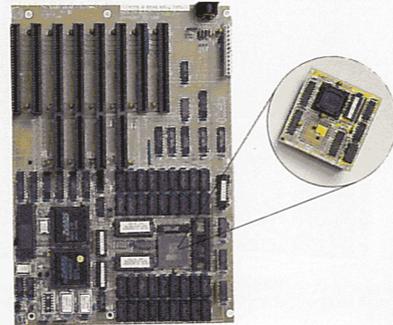
Providing high technology to computer companies

THE TOTAL SOLUTION

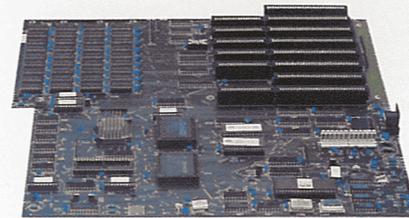
TOTAL SOLUTION
NETWORK PRODUCT SPECIFICATION

History:

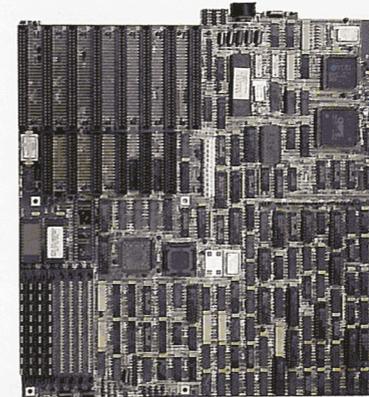
- *1982 Product: The first Chinese character generator add-on card
- *1984 Product: The first Turbo XT compatible PC Network Interface Adapter/NOS
- *1989 Product: ISDN Workstation
- *Future:



386SX CPU Piggy-Board



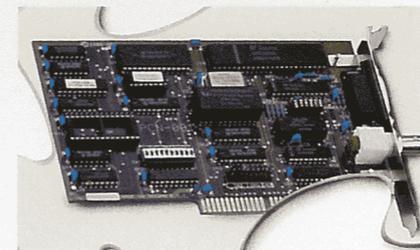
M2-286 FM
(8/12/16/20 SELECTABLE)



M2-386SX

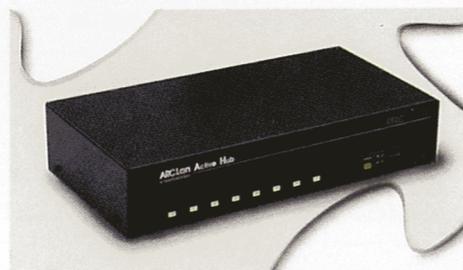


Mini-Micro 386



Twisted-Pair Ethernet Board
Ethernet Board
Arcnet Bus, Arcnet Star

Twisted Pair Ethernet Concentrator



Active Hub



M2-286/10/12/16

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 McCormick Place
 Chicago, Illinois

See us at Booth #T815
COMDEX/Fall '89
 November 13-17, 1989
 Tropicana Hotel
 Las Vegas, Nevada

COMPANY PROFILE

M2 LAB has been an active distributor of electronics and computer products in California for over a decade. We are dedicated to provide high quality products and services at reasonable prices. This commitment has helped our customers to increase their efficiency and productivity.

M2 LAB is subsidized by PLUS & PLUS Corp. Ltd., an international corporate network dedicated to the research and development of innovative and reliable computer technology. With affiliate "sister-companies" in Taiwan, Japan and the United Kingdom, we are able to control the manufacturing and development processes from the basics to the custom designed systems.

Our corporate dedication is to provide the distributor, dealer and end-user with the finest technology available. This philosophy is your assurance of quality and advancing technology. We have dedicated our R & D resources to value, innovation and performance.

Through R & D, innovation has come to mean that you can be assured to be on the leading edge of technology with a reliable product. We shall continue to strive in every endeavour to meet the needs of the future.

Our history provides example to our future. In 1982, we built the World's first Chinese character generator add-on card for PCs. In 1984, we developed the World's first Turbo XT compatible PC. Moreover, we invented the "MIPS" meter to tune & optimize system throughput and developed one of the first 80386-based industry standard computer systems.

We are here for you, today, and tomorrow. We will work with your company side by side.

M2 LAB NETWORK PRODUCT INTRODUCTION

	ETHERNET BOARD (coaxial type)	ARCNET BOARD (coaxial type)	8-PORT ACTIVE HUB (for arcnet)	TWISTED PAIR ETHERNET BOARD	TWISTED PAIR ETHERNET CONCENTRATOR	16-BIT ETHERNET BOARD	DISKLESS PC	CHEAPERNET REPEATER	INTELLIGENT ETHERNET BOARD	INTELLIGENT ARCNET BOARD	MICRO CHANNEL ETHERNET BOARD
PRODUCT CODE	M2-N01	M2-N02S M2-N02B	M2-N03	M2-N04	M2-N05	M2-N06	M2-N07	M2-N08	M2-N09	M2-N10S M2-N10B	M2-N11
IMPLEMENTATION	IEEE802.3 Ethernet/ Cheapernet Standard	Modified Token Passing		IEEE802.3 10BaseT standard	IEEE 802.3 10Base T Standard	IEEE 802.3 Ethernet/ Cheapernet Standard	IEEE802.3 Cheapernet Standard	IEEE 802.3 Cheapernet Standard	IEEE 802.3 Ethernet/ Cheapernet Standard	Modified Token Passing Developed By Data Point	IEEE 802.3 Ethernet/ Cheapernet Standard
DATA RATE	10Mbits/sec	2.5Mbits/sec	2.5Mbits/sec	10Mbits/sec	10Mbits/sec	10Mbits/sec		10Mbits/sec	10Mbits/sec	2.5Mbits/sec	10Mbits/sec
MEDIUM	RG58 Coaxial Cable (Cheapernet) RG11 Coaxial Cable (Ethernet)	RG62 Coaxial Cable	RG62 Coaxial Cable	Twisted Pair wire	Twisted Pair wire RG58 Coaxial Cable(when M2-N04 linked with Cheap- ernet or another M2-N04)	RG58 Coaxial Cable(Cheapernet) RG11 Coaxial Cable(Ethernet)		RG58 Coaxial Cable(Cheapernet)	RG58 Coaxial Cable(Cheapernet) RG11 Coaxial Cable(Ethernet)	RG62 Coaxial Cable	RG58 Coaxial Cable(Cheapernet) RG11 Coaxial Cable(Ethernet)
PROTOCOL	CSMA/CD	Modified Token Passing		CSMA/CD	CSMA/CD	CSMA/CD		CSMA/CD	CSMA/CD	Modified Token Passing	CSMA/CD
TOPOLOGY	Bus	Bus or Star	Star	Star	Star	Bus		Bus	Bus	Bus or Star	Bus
DESCRIPTION	Remote boot capability Based on IBM PC/ XT/AT/386, Compatibles and PS/2 25/30 Models Novell NE-1000 compatible Novell Netware Compatible	Remote boot capability Based on IBM PC/ XT/AT/386, Compatibles and PS/2 25/30 Models Novell RX-NET & SMC/Pure Data Arcnet compatible	Can link with Arcnet Bus Topology network 8 LEDs supported for easy network diagnostics & 1 LED for device power	Remote boot capability Based on IBM PC/ XT/AT/386, Compatibles and PS/2 25/30 Models Novell Netware compatible Functionally Novell NE-1000 compatible	Provides a coaxial port for linking with Cheapernet net- work or another M2-N04 Provides 8 Twisted- Pair ports to inte- grate 8 stations with M2-N04 boards together 8 LEDs supported for easy diagnostics & 1 LED for device power	Remote boot capability Based on IBM AT/386, Compatibles & PS/2 25/30 Models Novell NE-2000 compatible	286 Base System Display: EGA or CGA Peripheral: 2 serial & 1 parallel ports Novell Netware compatible	Provides LEDs for Network diagnostics Supports a 200 meter segment network extension	Based on IBM AT/386, & PS/2 25/30 Models High Per- formance for File Server station	Based on IBM AT/ 386,Compatibles & PS/2 25/30 Models High performance for File Server station	Remote Boot capability Based on IBM PS/2 Model 50/60/70/80 & compatibles Novell Netware compatible



1989 NEW PRODUCTS

1. M2-N04 TWISTED-PAIR ETHERNET
2. M2-N05 TWISTED-PAIR ETHERNET CONCENTRATOR
3. M2-N06 16-BIT ETHERNET BOARD
4. M2-N07 DPC (DISKLESS PERSONAL COMPUTER)
5. M2-N08 ETHERNET REPEATER
6. M2-N09 INTELLIGENT ETHERNET BOARD FOR FILE SERVERS
7. M2-N10 INTELLIGENT ARCNET BOARD
8. M2-N11 PS/2 ETHERNET BOARD
9. LAN MANAGER (PORT TO M2 LAB NETWORK HARDWARE)
10. M2 LAB NOS
11. EXPAND THE NETWORK PRODUCT DISTRIBUTION CHANNEL
12. M2-286 FM (FOUR SPEED OF 8/12/16/20 MHZ SELECTABLE)
13. M2-386 / 25 MHZ
14. M2-88
15. EGA: 4464
16. VGA
17. M2-Peacock VGA (IBM PS/2 8514/A compatible)
IBM PS/2 8514/A is a trademark of International Business Machines



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