

Product LineUP

Ethernet Adapter
Gatenet CompactFlash MicroLAN

Modem
NetCross56Kv90 CompactFlash Card

Serial Card
ActivePort232 CompactFlash I/O

USB Port
ActivePortUSB CompactFlash I/O

Bar Code Scanner
ActiveScan CompactFlash Bar Code Scan Card

Magnetic Card Reader
ActiveChecker Magnetic Card Reader

Bluetooth
BlueEasy CompactFlash Card

GPS
Any-GeoGPS CompactFlash Card

Smart Card Reader
M wallet CompactFlash Card



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CompactFlash Association



CompactFlash PRODUCT FAMILY

S I M P L E & F A S T



For Mobile Computing
Gatenet
 CompactFlash MicroLAN



Gatenet CompactFlash MicroLAN, supports Window CE, is designed as Type I CompactFlash and can be used to Pocket PC as well as Notebook, Handheld PC. You can surf internet, send e-mail and manage your schedule in the speed of 10M bps. Apply it right now to your Pocket PC for Window CE.

Specifications	
Standard Conformance	IEEE 802.3 (10Base T)
Data Bus Width	16 bit
Speed	10 Mbps 10 Base-T
Buffer Memory	16 KB
Connector	RJ-45 female
Interconnect Cable Length	290 mm
Physical Characteristics	CompactFlash Type I
LEDs	Trans (yellow), Link (green)
Size	36 x 43 x 3.3mm
Operating Distance	100m (Max)
Power Consumption	21mA (Max)
Operating Temperature	0 to 55
Storage Temperature	-20 to 65
Humidity Operating	10% to 90%, non-condensing
Humidity Non-operating	10% to 95%, non-condensing
Operating Systems	WinCE 3.0, Windows 9X, 2000, ME
Warranty	1 years (Connect cable - No Warranty)



** Support PC Card Adapter
 Using the PC Card Adapter together Gatenet CompactFlash MicroLAN, it is able to be operated in notebook and handheld PC.

High-speed TCP/IP Active Sync using LAN Card
 Anytime, Anywhere you can use remote network ActiveSync using TCP/IP, if you connect your Pocket PC or Handheld PC to Personal Computer or Server through Gatenet CompactFlash MicroLAN.

Maximize application of your Pocket PC Explorer
 Gatenet CompactFlash MicroLAN give you a chance to use Pocket Internet Explorer without any change at previous network system. You do not need to wait till system are booting(Quick On Start) and It is possible to concrete mobile communication as well as searching, chatting and networking business.

Server Monitoring and Telnet
 Gatenet CompactFlash MicroLAN make you control and manage Web Server, FTP Server and DB Sever and emulate your Server using VNC Client on the Pocket PC. Also Gatenet CompactFlash MicroLAN give you a way to connect BBS operated by Hitel or Chonlian , Korean Community Providers, or IRC site.

Realize multimedia environment for Pocket PC
 Gatenet CompactFlash MicroLAN shows you better internet streaming movie compare to Serial or USB. You can enjoy VOD, Music Video and News with upgraded speed. You can download mp3 files of 3M Bytes in 11 seconds. Plug in MicroLAN and feel the speed.

ActivePort
 CompactFlash I/O Serial, USB Card



ActivePort 232 CompactFlash I/O is the Add on Port which expand its exist serial port so it makes CompactFlash slot or PCMCIA slot as a serial port. ActivePort can communicate and control many kinds of data coming from industrial equipment, military equipments, medical appliances and measuring instruments to standard I/O interface



Supply selected power for external equipments
 ActivePort 232 CompactFlash I/O, developed power saving design of 3.3V, minimize the effect of batteries to Pocket PC, Palm Sized PC and other application devices. ActivePort 232 CompactFlash I/O also can supply selected power which is

connected to external device.

Activesync function substituting cradle
 ActivePort 232 CompactFlash I/O can replace cradle when you are going on business trip because it can support ActiveSync function. You can manage schedule, e-mail and down-loading documents using serial COM port.

Support various connectors
 ActivePort 232 CompactFlash I/O is basically composed of 15 pin connector and 9 pin DB connection port but is also exchangeable to RJ jack instead of connector for Scanner Module or Card Reader.

Control Industry equipments & Medical appliances
 ActivePort 232 CompactFlash can connect to Pocket PC with Industry equipments, Control devices & Medical appliances communicate using serial port. So it is possible to concrete PDA Control System which replace imported control devices

Specifications	
Physical Characteristics	CompactFlash Type I
Interface Type	I/O Port
Serial Comm	RS-232
Baud Rate	115,200bps
Connector DB	9 pin (Male)
Interconnect Cable Length	200mm (MAX)
Size	36 x 43 x 3.3mm
Power Consumption	40mA (Max)
Operating Temperature	0 °C to 55 °C
Storage Temperature	0 °C to 65 °C
Humidity Operating	10% to 90%, non-condensing
Humidity Non-operating	10% to 95%, non-condensing
Character Length	8 bit. 7 bit. 4 bit
Parity even	odd or none
Operating System	WinCE 3.0, Windows 9X, 2000, ME
Warranty	1 years (Connect cable - No Warranty)
Option	Rugged RJ cable or DB 9 Pin cable

** ActivePort USB can make high-speed communication between Pocket PC or Handheld PC and USB based products plugging-in high-speed universal serial port.

ActiveScan

CompactFlash Barcode Laser Scan Card



ActiveScan is Type I CompactFlash Laser Bar Code Scanner supporting Pocket PC and can widely use to the Industrial field such as Transportations, Logistics Service and Automations. Just plug ActiveScan into your Pocket PC and No extra batteries needed.

High Efficiency and Offer program environment

ActiveScan can use as an standard 1 Dimension bar code such as Code39, EAN and Code128 and supply its own driver and PocketScan program for keyboard message so makes you easy to develop application software.

Fast and Accurate Bar code Scanning

ActiveScan adjusted non-contact type of laser rather than CCD and supply high processing as well as accuracy, efficiency and reliability.

Streamline shape and Waterproof, Moth-proof Effect.

ActiveScan is designed as a streamline shape to harmonize with Pocket PC and adopt rubber molding on the space of the scanner module to prevent physical impact or water.

Price Competitiveness and Support Tool Kit

ActiveScan has superior price competitiveness compare to foreign products and supports software developers tool kit. It can be save time and makes efficiency high.

** ActiveScan2, Type I CompactFlash, supports PDF417 Symbol type of 2D Bar code. It has high performance compare to 1 Dimension scanner and will release on March 2002.

Specifications	
Physical Characteristics	CompactFlash Type I Ext
Interface Type	Laser Barcode scan
BarCode Symbologies	Code 39, UPC, EAN, Other standard barcode
Scan Repetition Rate	39 (± 3) scans/sec (bidirectional)
Decode Distances Distances	2.2 to 60.0 inch
Scan Angle	53 °(typical)
Laser class	Intended use in CDRH/IEC Class 2 devices
Power Consumption	Idle: 11.4 mA, Typical: 97 mA
CompactFlash card size	43x 43 x 3.3 mm
Scanner size	34 x 49 x 18.5 mm
Humidity Operating	10% to 90%, non-condensing
Humidity Non-operating	10% to 95%, non-condensing
Weight approx.	62.5 g
Operating System	WinCE 3.0, Windows 9X, 2000, ME Windows CE Software PocketScan™
software	With keyboard emulation
Warranty	1 years

ActiveChecker

CompactFlash Magnetic Card Reader



ActiveChecker is Type I CompactFlash Magnetic Card Reader which can read Credit Cards or Security Cards. It is connected to Pocket PC built-in CDMA modem, you can realize credit card paying system anytime and anywhere.

World's First Type I CompactFlash Credit Card Reader

ActiveChecker is world's first smallest and lightest Type I CompactFlash Magnetic Card Reader which accept all kinds of credit to the mobile

devices.

Fast Credit Card Paying System

Whenever you are moving, makes your customer feel free to pay by credit If you have CDMA built-in Mobile device using ActiveChecker. Also it is possible to advise more useful information (Number of visit, Last visit date, Purchasing information etc) to your client and serve better service.

Realize Network Total Management System

ActiveCheck can be connected to Pocket PC, Handheld PC and Notebook etc. So It is very useful to check sales record and current stock if connected to internet network.

Extra Service

If you keep in touch with VAN(Value-Added Network) Service Provider, you can enlarge and supply a various business service such as Mail Billings, Sales management, Credit Balance checking etc.

Specifications	
Physical Characteristics	CompactFlash Type I Ext
Interface Type	IPC Card 3.3V
Magnetic Card Standard	ISO 7811/2
Magnetic Ripple	50 mVp-p
Reading track width	1.5 mm
Card feeding speed	100 mm/sec
Head life time	500,000 passes(min.)
Power Consumption	Idle: 10 mA, Typical: 30 mA
CompactFlash card size	43x 43 x 3.3 mm
Magnetic size	23 x 55 x 25.5 mm
Humidity Operating	10% to 90%, non-condensing
Humidity Non-operating	10% to 95%, non-condensing
Weight	approx. 58.5 g
Operating System	WinCE 3.0, Windows 9X, 2000, ME
Windows CE Software	Card emulation for CE
Warranty	1 years



Ideal for CompactFlash Slot
Pocket PC and Handheld PC