

# 3Com® Megahertz®



## LAN PC Cards

*Enjoy fast, reliable,  
high-performance LAN access*

### Features & Benefits

**Parallel Tasking® and Parallel Tasking II technologies** overlap tasks for increased 10 and 100 Mbps LAN throughput, improving application performance and lowering CPU utilization.

**32-bit architecture** on CardBus models ensures the fastest throughput available and true 100 Mbps performance.

**XJACK® connector** delivers easy, durable connections and saves you from carrying, and possibly losing, cables. Available on all 3CX models.

**Full duplex operation** on 10/100 models means data is simultaneously sent and received, increasing network throughput at both 10 and 100 Mbps.

**Mobile Connection Manager** delivers one-step mobile configuration and connectivity for multiple locations—conserving IT staff resources and increasing productivity for mobile workers.

**DynamicAccess® LAN agent** support turns your PC Card into an active network component for better network performance and easier, centralized management.

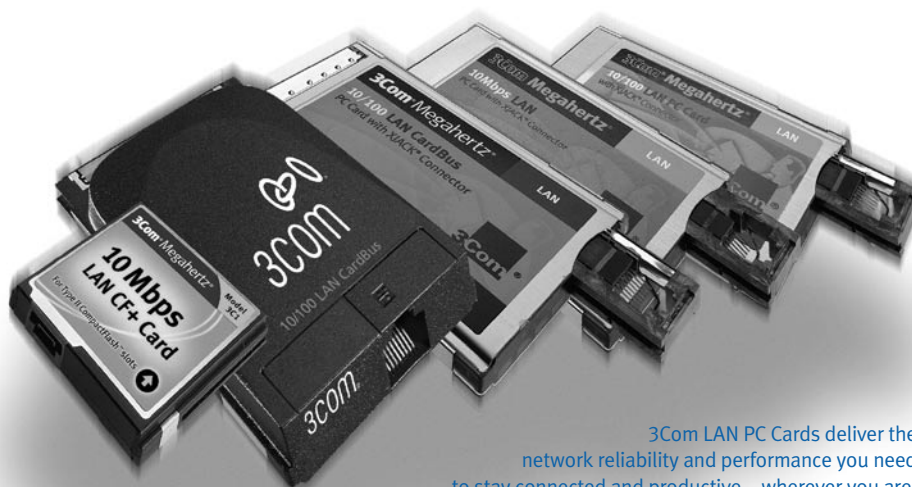
**Intelligent Auto Install** allows you to enjoy easy, plug-and-play installation in a matter of minutes.

**Low power consumption** extends the time between battery charges and results in cooler, more reliable notebook operation.

**Guaranteed Compatibility** with all notebook computers that comply with The PC Card Standard.

**Nway 10/100 auto-negotiation** automatically configures your 10/100 LAN PC Card for 10 or 100 Mbps operation.

**Total reliability** means your 3Com LAN PC Card is backed by our Lifetime Limited warranty and unlimited technical support.



3Com LAN PC Cards deliver the network reliability and performance you need to stay connected and productive—wherever you are.

3Com® LAN PC Cards deliver fast, reliable access to your network, with innovative features such as Parallel Tasking® technology and DynamicAccess® performance to keep pace with the way you do business. For the mobile PC user linking directly to Ethernet or Fast Ethernet networks, 3Com offers 32-bit CardBus and 16-bit PC Card solutions. Whether you need true 100 Mbps LAN connections, a reliable 10 Mbps solution, or the flexibility to start with Ethernet and step up to Fast Ethernet at your own pace, you'll find a 3Com LAN PC Card that's right for you. And because they're made by 3Com—the world's leading supplier of notebook PC Cards—you can count on reliable performance and world-class support.

### Leading LAN Performance

Patented 3Com Parallel Tasking and Parallel Tasking II technologies are innovative solutions that allow 3Com PC Cards to increase network performance and platform availability—keeping employees productive and enterprises profitable. These patented technologies ensure best-in-class LAN performance by overlapping tasks for higher 10 and 100 Mbps LAN throughput, improving application performance and lowering CPU utilization. Parallel Tasking II is available on all 32-bit CardBus models to give you true 100 Mbps LAN performance.

# LAN PC Cards

## Type II or Type III: Which PC Card is Best for You?

3Com offers two form factors for its PC Cards that don't require proprietary cables. Type II cards are available with 3Com's patented XJACK® connector and require one PC Card slot. Our new Type III PC Cards with integrated LAN connector also provide cableless operation. This Type III form factor uses both of your vertically stacked Type II PC Card slots or a single Type III PC Card slot.

Whichever type you choose, 3Com's superior LAN technologies, simple installation, and easy-to-use features will keep you calm and connected.

## 3Com Mobile Software Solutions—One-Step Configuration and Connectivity

For smart solutions to IT problems—and intelligent LAN performance—you want LAN PC Cards with 3Com mobile software.

For example, Mobile Connection Manager lets IT managers create network configuration profiles once, then distribute them as needed. The user simply selects the appropriate configuration icon, such as "Sales Office LAN," or "Home Office LAN," to set all system configurations. Mobile

Connection Manager defines the nearest printers for each location, IP settings, and more. Users get a fast, dependable way to get connected simply—wherever they are. IT managers get fewer headaches.

DynamicAccess LAN agent support brightens any IT administrator's day. It turns your PC Card into an active network component, making your mobile PC infinitely more manageable and helping it perform better on the network.

## Easy to Install, Configure, and Update

3Com LAN PC Cards practically install themselves. Intelligent Auto Install, an innovative 3Com architecture, allows your system to quickly install and configure the LAN PC Card automatically. A couple of clicks, and you're up and running. And when you're ready, 3Com LAN PC Cards feature flash DSP for updating your PC Card's main functionality simply and easily yourself.

## Low Power Consumption

Delivering some of the industry's lowest power consumption ratings, our 10/100 LAN CardBus PC Cards operate at a low 3.3 volts, requiring only 145 mA of power for Fast

Ethernet and less than 10 mA for sleep mode. The 10 Mbps LAN PC Card delivers maximum computing time with the industry's lowest power consumption of just 26 mA using twisted-pair cabling.

## Guaranteed Compatibility

When you purchase a 3Com LAN PC Card, rest assured that you're getting complete compatibility with a broad range of leading operating systems and notebooks with 16- and 32-bit PCMCIA slots. In fact, you're guaranteed compatibility with all notebook computers that comply with The PC Card Standard.

## Realizing the Universal Connection

Simplicity with peace of mind. 3Com's objective with the Universal Connection is to tear down any barriers between you and the most reliable connections—wherever you are. Our 10/100 and 10 Mbps LAN PC Cards leverage constant connectivity, advanced simplicity, transparent intelligence, and future innovations. As a result, you receive superior connections, manageability and ease of use worldwide. Benefits only 3Com can offer.

## 32-bit CardBus or 16-bit PC Card?

Optimized for video and other bandwidth-intensive applications, 3Com® CardBus PC Cards leverage the newer, high-speed CardBus peripheral interface found in many notebook PCs today. While 10/100 16-bit PC Cards top out at approximately 30 Mbps due to bandwidth limitations, CardBus PC Cards take full advantage of the wider 32-bit PCI bus to deliver maximum LAN performance—up to 90 Mbps.

Any PC Card that doesn't have CardBus in its name works the same and delivers the same performance in any 16-bit PC Card or 32-bit CardBus slot. However, CardBus PC Cards work only in CardBus slots.

## 3Com® Megahertz® 10/100 LAN CardBus PC Card

(Model 3CXFE575CT, 3CCFE575CT)



Want to get the most performance and manageability from your CardBus notebook and your network? Then check out our 3Com® Megahertz® 10/100 LAN CardBus PC Card. Its 32-bit architecture, patented Parallel Tasking technologies, and full-duplex operation deliver industry-leading Fast Ethernet and Ethernet performance—while DynamicAccess technology brings desktop manageability to your notebook PC.

A built-in XJACK® connector (on model 3CXFE575CT) makes mobile LAN connections a snap—literally. Just slide in the PC Card, pop out the XJACK LAN connector, and snap in your RJ-45 cable. You get high-performance, rock solid LAN connections—and eliminate the need to carry and possibly lose a connecting cable.

Intelligent Auto Install and Windows 98, 95, and 2000 Plug-and-Play support make installation quick and easy. And Nway 10/100 auto-negotiation means you can start out with 10 Mbps networking, and shift on the fly to 100 Mbps LAN performance when you're ready.

Each PC Card is guaranteed compatible with leading CardBus notebooks and includes software drivers for a wide range of network operating systems. And like all 3Com LAN PC Cards, it features extremely low power consumption to extend notebook battery life and reduce heat generation, increasing overall notebook reliability. For best-in-class performance, manageability, and reliability, you can't beat a 3Com Megahertz 10/100 LAN CardBus PC Card.

### 3Com® LAN PC Cards Features Comparison

	3CXFE575CT	3CCFE575CT	3C3FE575CT	3CXFE574BT	3CCFE574BT	3CXE589ET	3CXE589EC	3CCE589ET	3CCE589EC	3C1
32-bit CardBus architecture	•	•	•							
10/100 Mbps	•	•	•	•	•					
10 Mbps	•	•	•	•	•	•	•	•	•	•
XJACK® LAN connector	•			•		•	•			
Type III PC Card with integrated LAN connector			•							
Cable LAN connector		•			•			•	•	•
10BASE-T/10BASE2 combo cable							•		•	
Parallel Tasking® II technology	•	•	•							
Parallel Tasking technology	•	•	•	•	•	•	•	•	•	•
Nway 10/100 auto-negotiation	•	•	•	•	•					
Mobile Connection Manager	•	•	•							
DynamicAccess® LAN agent support	•	•	•	•	•	•	•	•	•	
Advanced network management (WfM, DMI, ACPI, Managed PC Boot Agent)	•	•	•							
Windows 98, 95, 2000 & Windows NT 4.0	•	•	•	•	•	•	•	•	•	
Windows CE						•	•	•	•	•

All 3Com LAN PC Cards feature flash DSP, full duplex operation, Guaranteed Compatibility, Hot Swapping, Intelligent Auto Install, low power consumption, Lifetime Limited warranty, major network drivers, SmartAgent® management, and Transcend® Network Management.

### 3Com 10/100 LAN CardBus Type III PC Card

(Model 3C3FE575CT)

Give your CardBus notebook the network performance and manageability it deserves—and the convenience of integrated connectors. This 32-bit Type III PC Card includes the same high-end LAN features found on model 3CXFE575CT. Both are easy to install and use the same install drivers. Yet, model 3C3FE575CT offers an integrated LAN connector in a Type III PC Card that uses both of your vertically stacked Type II PC Card slots or a single Type III PC Card slot.

### 3Com Megahertz 10/100 LAN PC Card

(Model 3CXFE574BT, 3CCFE574BT)

Don't have a 32-bit CardBus slot, but you still want best-in-class LAN performance for your 16-bit notebook? Consider a 3Com Megahertz 10/100 LAN PC Card. It offers advanced features such as Parallel Tasking and full-duplex operation for industry-leading 10/100 LAN connectivity, and DynamicAccess LAN agent support to ensure maximum manageability. It's incredibly easy to install, too. See the Features Comparison chart for additional product highlights.

### 3Com Megahertz 10 Mbps LAN PC Card

(Model 3CXE589EC, 3CXE589ET, 3CCE589EC, 3CCE589ET)

Is 10 Mbps plenty of speed for your foreseeable networking plans? Then count on 3Com Megahertz 10 Mbps LAN PC Cards to give you the fastest, most reliable 10 Mbps LAN connections available—thanks to Parallel Tasking technology. Couple that with the advanced network functionality DynamicAccess offers, and you've got a low-cost LAN solution for high-performance connections. See the Features Comparison chart for additional product highlights.

### 3Com Megahertz 10 Mbps LAN CF+ Card

(Model 3C1)

Looking for simple, fast, and reliable LAN connectivity for your Windows CE system? Look no further than our 3Com Megahertz 10 Mbps LAN CF+ Card. Parallel Tasking technology ensures outstanding, desktop-like performance. Plus, low power consumption extends the time between battery charges and delivers cool, reliable palmtop computing. Put simply, this card packs “big-system” connectivity into a tiny Type II CF+ card.

This matchbook-size Type II CF+ card is guaranteed compatible with

Windows CE (version 2.1 or higher) computers with a Type II CF+ slot and complies with version 1.3 of the CompactFlash Standard, ensuring broad interoperability. See the Features Comparison chart for additional product highlights.

### Ethernet Cables

Expand your networking capabilities or replace lost cables with individual 100BASE-TX, 10BASE-T, or 10BASE2 cables. To order, visit <http://buydirect.3com.com/> or call your local 3Com support center. In the U.S., call 1 800 846 2233.

### Lifetime Limited Warranty

3Com warrants your 3Com PC Card for as long as you own it.



### XJACK® Connector

For more than six million users, the patented 3Com® XJACK® connector is the standard for painless mobile connections. Made from high-strength, heat-resistant thermoplastics, these durable connectors withstand even the most hectic mobile lifestyle. Choose XJACK connectors and say goodbye to carrying cables, and the downtime and expense of ordering new ones.

## Specifications

### 3Com LAN PC Cards

#### Software Drivers

For a current list of software drivers, please visit [www.3com.com/mobile/pccards/](http://www.3com.com/mobile/pccards/).

#### Network Management

##### All models

SNMP driver agents available at [www.3com.com/](http://www.3com.com/)

Transcend® PCLink SmartAgent® software available by order.

#### Minimum System Requirements

##### Models 3CXFE575CT, 3CCFE575CT, and 3C3FE575CT

Notebook PC with an available 32-bit CardBus PC Card slot

8 MB of RAM (16 MB of RAM for Windows NT 4.0)

Windows 98, Windows 95 OSR2, Windows 2000, Windows NT 4.0, or DOS

##### Models 3CXFE574BT and 3CCFE574BT

Notebook PC with an available 16-bit PC Card or 32-bit CardBus PC Card slot

8 MB of RAM

Windows 98, Windows 95 OSR2, Windows 2000, Windows NT 4.0, Windows 3.1x with Card and Socket Services version 2.1 or higher, or DOS

##### Models 3CXE589ET, 3CXE589EC, 3CCE589ET, and 3CCE589EC

Notebook PC with an available 16-bit PC Card or 32-bit CardBus PC Card slot

8 MB of RAM

Windows 98, Windows 95 OSR2, Windows 2000, Windows NT 4.0, Windows 3.1x with Card and Socket Services v2.1 or higher, or DOS; also supports Windows CE 2.0

#### Model 3C1

Windows CE 2.1 compatible computer with an available Type II CF+ slot; compatible with all CPUs that support Windows CE 2.1 by Microsoft including the MIPS 3000 and 4000, StrongARM 1100, and Hitachi SH3/SH4

8 MB of RAM

Windows CE 2.1

#### Standards Conformance

##### Models 3CXFE575CT, 3CCFE575CT, 3C3FE575CT, 3CXFE574BT, and 3CCFE574BT

IEEE 802.3u (100BASE-TX)

IEEE 802.3 (10BASE-T)

The PC Card Standard, March 1997

##### Models 3CXE589ET, 3CXE589EC, 3CCE589ET, 3CCE589EC, and 3C1

IEEE 802.3 (10BASE-T)

The PC Card Standard, March 1997

#### Safety and Electromagnetic Conformance

##### All models

FCC part 15, Subpart B, Class B

VCCI Class 2

C-tick

CE

CULus 1950, 3rd edition

#### Power Consumption

##### Models 3CXFE575CT, 3CCFE575CT, and 3C3FE575CT

With supply voltage of 3.3V +/- 10%

10BASE-T: 115 mA typical

100BASE-TX: 145 mA typical

##### Models 3CXFE574BT and 3CCFE574BT

With supply voltage of 5V +/- 10%

10BASE-T: 110 mA typical

100BASE-TX: 160 mA typical

##### Models 3CXE589ET, 3CXE589EC, 3CCE589ET, and 3CCE589EC

With supply voltage of 5V +/- 5%

10BASE-T: 26 mA typical

10BASE2: 198 mA typical

##### Models 3C1

10BASE-T: 13 mA typical

Sleep: 13 mA typical

#### Physical Dimensions

##### Models 3CXFE575CT, 3CCFE575CT, 3CXFE574BT, 3CCFE574BT, 3CXE589ET, 3CXE589EC, 3CCE589ET, and 3CCE589EC

Length: 85.6 mm/3.37 in

Width: 54.0 mm/2.23 in

Thickness: 5.0 mm/0.20 in

##### Model 3C3FE575CT

Length: 85.6 mm/3.37 in

Width: 54.0 mm/2.23 in

Thickness: 10.0 mm/0.40 in

##### Model 3C1

Length: 43.0 mm/1.7 in

Width: 36.0 mm/1.4 in

Thickness: 3.3 mm/0.13 in

#### Environmental Operating Ranges

##### All models

Temperature: 0° to 70° C/32° to 155° F

Relative Humidity: 10% to 90% non-condensing

#### Warranty

##### Lifetime Limited warranty

3Com warrants your PC Card to be in good working order for as long as you own it.

## 3Com Corporation

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Edmonton: 780 423 3266  
Montreal: 514 683 3266  
Ottawa: 613 566 7055  
Toronto: 416 498 3266  
Vancouver: 604 434 3266

## 3Com Latin America

Argentina (serving Argentina, Paraguay, and Uruguay): 541 312 3266  
Brazil: 55 11 246 5001  
Chile (serving Bolivia, Chile, and Peru): 562 240 6200  
Colombia: 57 1 629 4110  
Mexico: 525 201 0000  
Peru: 51 1 221 5399  
Venezuela: 582 267 5550

## Asia Pacific Rim

Melbourne, Australia: 61 3 9934 8888  
Sydney, Australia: 61 2 9937 5000  
Beijing, China: 8610 68492568  
Shanghai, China: 86 21 6350 1581  
Hong Kong: 852 2501 1111  
India: 91 11 644 3974  
Indonesia: 62 21 572 2088  
Osaka, Japan: 81 6 536 3303  
Tokyo, Japan: 81 3 5977 3266  
Toll free from Japan: 0120 31 3266  
Korea: 82 2 3455 6300  
Malaysia: 60 3 715 1333  
New Zealand: 64 9 366 9138  
Philippines: 632 892 4476  
Singapore: 65 538 9368  
Taiwan: 886 2 2 377 5850  
Thailand: 662 231 8151 5

## 3Com Austria

43 1 580 17 0

## 3Com Benelux B.V.

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Netherlands: 31 346 58 62 11

## 3Com Eastern Europe/CIS

Bulgaria: 359 2 962 5222  
Czech Republic: 420 2 21845 800  
Hungary: 36 1 250 83 41  
Poland: 48 22 6451351  
Russia: 7 095 258 09 40  
Slovak Republic: 421 7 317 850

## 3Com France

33 1 69 86 68 00

## 3Com GmbH

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Spain: 34 1 509 69 00

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## 3Com Nordic AB

Denmark: 45 48 10 50 00  
Finland: 358 9 435 420 67  
Norway: 47 22 58 47 00  
Sweden: 46 8 587 05 600

## 3Com Southern Africa

27 11 807 4397

## 3Com Switzerland

41 844 833 933

## 3Com UK Ltd.

Edinburgh: 44 131 240 2900  
Ireland: 353 1 823 5000  
Manchester: 44 161 874 1700  
Winnesh: 44 1189 27 8200

## Ordering Information

Product Name	For Use In...	Order Number
3Com Megahertz 10/100 LAN CardBus PC Card with XJACK Connector	U.S.	3CXFE575CT*
	Japan	3CXFE575CT-JP
3Com Megahertz 10/100 LAN CardBus PC Card	U.S.	3CCFE575CT*
	Japan	3CCFE575CT-JP
3Com 10/100 LAN CardBus Type III PC Card	Worldwide	3C3FE575CT
3Com Megahertz 10/100 LAN PC Card with XJACK Connector	U.S.	3CXFE574BT*
3Com Megahertz 10/100 LAN PC Card	U.S.	3CCFE574BT*
3Com Megahertz 10 Mbps LAN PC Card with XJACK Connector	U.S.	3CXE589ET*
	Asia/Pacific Rim	3CXE589ET-AP
	Japan	3CXE589ET-JP
	U.S.	3CXE589EC*
3Com Megahertz 10 Mbps LAN PC Card	U.S.	3CCE589ET*
	Asia/Pacific Rim	3CCE589ET-AP
	Japan	3CCE589ET-JP
	U.S.	3CCE589EC*
3Com Megahertz 10 Mbps LAN CF+ Card		3C1

### \* Quantity Packs Available

Save by buying 3Com LAN PC Cards in quantity packs.

For pricing in the U.S., call 1 800 NET 3COM. Outside the U.S., call your local sales office.

To learn more about 3Com products and services, visit our Web site at [www.3com.com/](http://www.3com.com/).

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