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## QUICK REFERENCE GUIDE

### DECserver Serial Cable and Adapter Pin Assignments



*This quick reference guide describes the cable and adapter pin assignments for:*

- DECserver 716
- DECserver 732
- DECserver 900TM
- DECserver 90M+
- DECserver ConX4
- DECserver 708

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## ABOUT VNETEK & DECSERVERS

### **Vnetek Communications**

Headquartered in Londonderry, NH, Vnetek Communications, LLC (Vnetek) is a privately-held, technology solutions partner focused on providing high quality products and professional services to companies worldwide. Established in 1996, the company continues to strengthen its impressive reputation for providing its customers with exceptional products, services, and customer care.

Manufacturer of DECservers and other Digital Networks legacy networking products, Vnetek is also one of the world's largest stocking resellers of Enterasys / Cabletron products and providers of new networking equipment from all major network equipment manufacturers.

Vnetek also offers their Orbit-certified product line of uniquely refurbished routers, chassis, hubs, switches, and other accessories from major networking manufacturers that provide customers with substantial savings, along with good-as-new quality, exceptional performance and warranties.

Vnetek's Support Services portfolio provides you with the support options you can rely on to get your network up and running again fast.

### **DECservers**

The DECserver line is the direct descendent of the original terminal server. Over the last 25 years, DECservers have provided more than 10 million terminal and printer connections, in all kinds of environments and in over 50 countries around the world.

Your pre-2000 (possibly pre-1990!) early generation DECserver was groundbreaking for its era, but that earlier architecture may be holding you back in today's fast paced work environment. Additionally, it's becoming increasingly difficult to obtain these older models, making future service challenging.

### **Time for an Upgrade?**

At Vnetek we'll help you to sell, upgrade or recycle your old DECserver for immediate value.

[WWW.VNETEK.COM](http://WWW.VNETEK.COM)

## ABOUT VNETEK & DECSERVERS

### **SELL.**

*Cash Back for You*

Vnetek PAYS TOP PRICE for marketable DECservers, or any IT equipment regardless of vendor, giving you money to invest in other core IT investments including purchases of new or used equipment.

### **UPGRADE.**

*Trade-in and Upgrade*

EARN A SIGNIFICANT DISCOUNT when you trade-in and upgrade to the single most advanced functional DECservers available!

New features include:

- Save & Restore
- Event Notification
- Configuration Wizard
- And MORE!

### **RECYCLE.**

*It's Eco Friendly*

Vnetek provides disposal services that minimize regulatory exposures by complying with environmental standards in accordance with applicable local and federal laws and regulations.

### **IT'S EASY.**

*Fast, Easy, Convenient*

If you have items ready for buyback, trade-in or disposal, simply contact us to request pricing or a quotation. You provide us with a detailed description of the equipment, and you will receive a no-obligation quote valid for 30 days.

What could be faster, easier or more convenient to GET MORE VALUE out of your old DECservers?

If you're already using the latest DECserver models, we hope you find this handy pin assignment quick reference guide helpful..

[WWW.VNETEK.COM](http://WWW.VNETEK.COM)

## QUICK REFERENCE GUIDE INTRODUCTION

This quick reference guide describes the cable and adapter pin assignments for the following DECserver models:

- DECserver 716
- DECserver 732
- DECserver 900TM
- DECserver 90M+
- DECserver ConX4
- DECserver 708

It also describes the hardware connectors and the cables used to interface to the DECserver hardware. Wiring diagrams of the individual cables are included to help you with cable construction and to troubleshoot.

We love to hear from the DECserver community and we encourage you to contact us for technical assistance, with your questions about how to use our products and keep them current and to give us your feedback.

You can contact us via email at [customer\\_service@vnetek.com](mailto:customer_service@vnetek.com). If you subscribe to our [Support Services](#) you can also take advantage of our Standard and Premium Support Plans (includes free live phone support).

In addition to making it easy for you to [contact us](#) directly, we have developed two comprehensive sources of online information that provide answers to our Customers' most commonly asked questions, the [Documentation Page](#) at our website and Tech Tips at [The Official Vnetek Blog](#).

## VNETEK COMMUNICATIONS

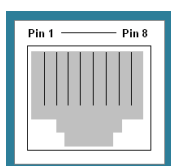
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We are also developing an extensive set of [“How Do I . . . ?”](#) articles that address the most popular “How Do I . . . ?” questions we hear from the DECserver community. These articles can be found on [The Official Vnetek Blog](#).

Please let us know how we can help you. We pride ourselves on having a great support team—they look forward to answering your questions.

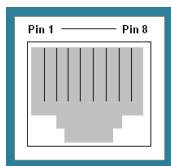
## DECserver SERIAL PORT PIN ASSIGNMENTS

Item: DECserver 716 Serial Ports  
 Part Number: DSRVW-J\*R  
 Description: The DECserver 716 uses an 8-pin RJ45 connector on the serial ports.



Pin No.	Signal Name
1	RXD GND *
2	RXD
3	TXD GND
4	CTS
5	RTS
6	TXD
7	DTR
8	DSR

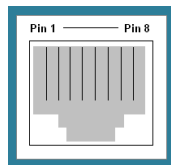
Item: DECserver 732 Serial Ports  
 Part Number: DSRVW-K\*R  
 Description: The DECserver 732 uses an 8-pin RJ45 connector on the serial ports.



Pin No.	Signal Name
1	RXD GND *
2	RXD
3	TXD GND
4	CTS
5	RTS
6	TXD
7	DTR
8	DSR

\* Receive -, or RXD GND must be terminated to Transmit GND, TXD for RS232 applications.

Item: DECserver 900TM Serial Ports  
 Part Number: DSRVZ-MC  
 Description: The DECserver 900TM uses an 8-pin RJ45 connector on the serial ports.



Pin No.	Signal Name
1	RXD GND *
2	RXD
3	TXD GND
4	CTS
5	RTS
6	TXD
7	DTR
8	DSR

Item: DECserver 90M+ Serial Ports  
 Part Number: DCSRV-\*\*R  
 Description: The DECserver 90M+ uses an 8-pin RJ45 connector on the serial ports.



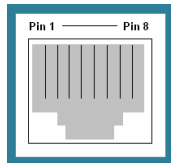
Pin No.	Signal Name	IN	OUT
1	Receive - *		
2	Receive +	<	
3	Transmit ground		
4	CTS	<	
5	RTS		>
6	Transmit		>
7	DTR		>
8	DSR	<	

\* Receive -, or RXD GND must be terminated to Transmit GND, TXD for RS232 applications.



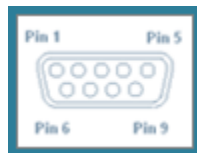
## DECserver SERIAL PORT PIN ASSIGNMENTS

Item: DECserver ConX4Serial Ports  
 Part Number: DSC04-A\*  
 Description: The DECserver ConX4uses an 8-pin RJ45 connector on the serial ports.



Pin No.	Signal Name	IN	OUT
1	Receive - *		
2	Receive +	<	
3	Transmit ground		
4	CTS	<	
5	RTS		>
6	Transmit		>
7	DTR		>
8	DSR	<	

Item: DECserver 708 Serial Ports  
 Part Number: DSRVW-R\*R  
 Description: The DECserver 732 uses a DB9 connector on the serial ports.



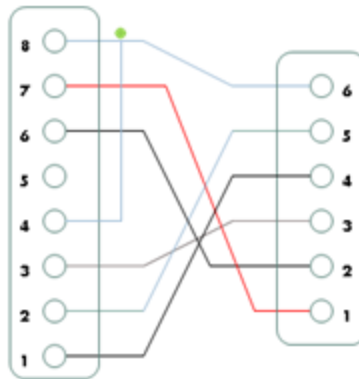
Pin No.	Signal Name	IN	OUT
1	DCD	<	
2	RXD	<	
3	TXD		>
4	DTR		>
5	GND		
6	DSR	<	
7	RTS		>
8	CTS	<	
9	RI	<	

\* Receive -, or RXD GND must be terminated to Transmit GND, TXD for RS232 applications.

## ADAPTER PINOUTS FOR DECSERVER SERIAL PORTS

DECserver Model	Part No.	Adapter	Side A: DECserver	Side B: Device	Straight-thru or Cross-over
90M+ 716 732 900TM ConX4	H8584-ACG	RJ45M to 6 pin MMJ	RJ45	6 pin MMJ	Straight-thru
	H8585-AAG	RJ45M to DB9F	RJ45	DB9F	Crossover
	H8585-ACG	RJ45M to DB25M	RJ45	DB25M	Straight-thru
	H8585-AF	RJ45M to DB9M	RJ45	DB9F	Straight-thru
708	H8585-AAG	RJ45M to DB9F	RJ45	DB9F	Crossover

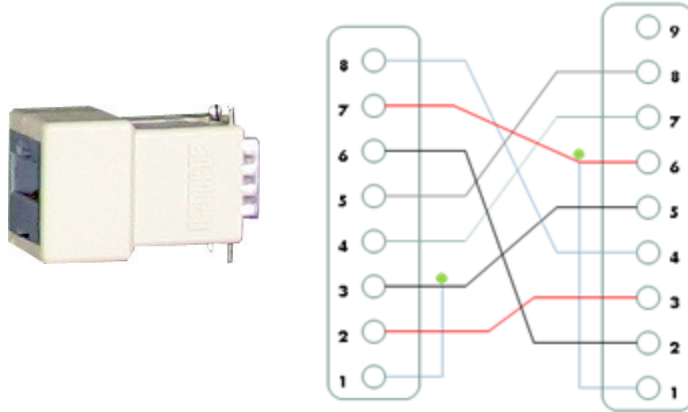
Adapter: RJ45M to 6-pin MMJ  
 Part Number: H8584-ACG



## ADAPTER PINOUTS FOR DECSERVER SERIAL PORTS

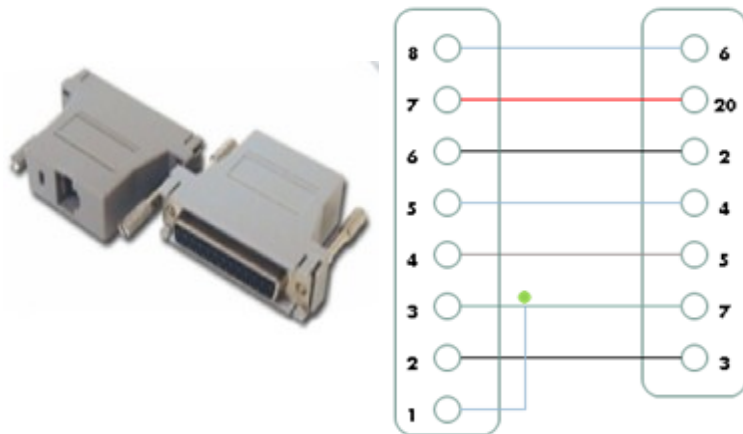
Adapter: RJ45F to DB9F

Part Number: H8585-AAG



Adapter: RJ45F to DB25M

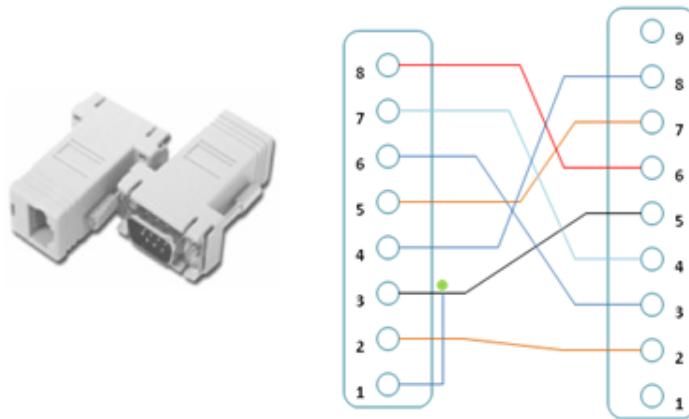
Part Number: H8585-ACG



## ADAPTER PINOUTS FOR DECSERVER SERIAL PORTS

Adapter: RJ45F to DB9M

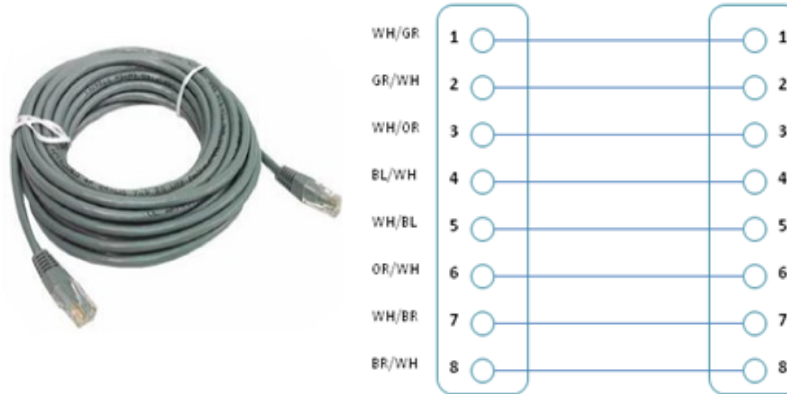
Part Number: H8585-AF



## CABLE PINOUTS FOR DEC SERVER CONSOLE AND SERIAL PORTS

DECserver Model	Part No.	Cable	Side A: DECserver	Side B: Device	Straight-thru or Cross-over
90M+ 716 732 900TM ConX4	BN25G	Cat5E Patch	RJ45	RJ45	Straight-thru
	BN24Q	10BaseT or 100BaseTX	RJ45	RJ45	Crossover
708	BN25G	Cat5E Patch	RJ45	RJ45	Straight-thru
	BC29Q	Null Modem	DB9	DB9	Crossover

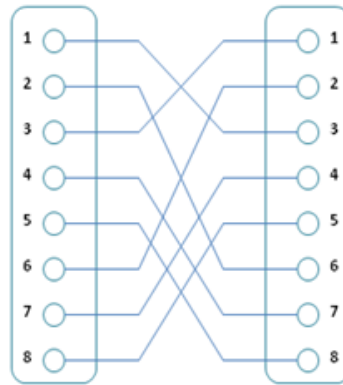
Cable: Cat5E Patch Cable  
 Part Number: BN25G-xx-5EG (xx = length)



## CABLE PINOUTS FOR DECSERVER CONSOLE AND SERIAL PORTS

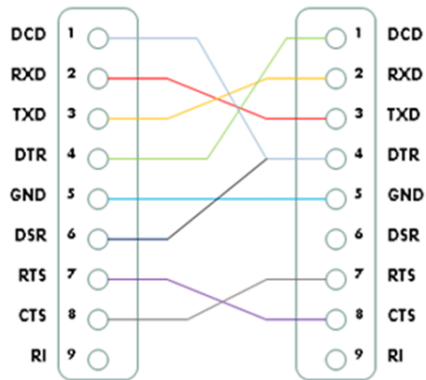
Cable: 10BaseT or 100BaseTX Cable

Part Number: BN24Q-xxG (xx = length)



Cable: Null Modem Cable

Part Number: BC29Q-xx (xx = length)





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