PC-Duo Series 12

● SCALABLE ● FAST ● ERGONOMIC
● NETWORK EFFICIENT ● SECURE

Vector

Product Datasheet

PC-Duo® Express v12.5

Peer-to-peer access to remote desktops inside the corporate network.

Ideal for SMBs and workgroups looking for fast, reliable, easy-to-use remote control and remote management.

PC-Duo® Enterprise v12.5

Gateway-based management of remote control sessions, security and performance settings. Firewall navigation for support across and beyond corporate networks.
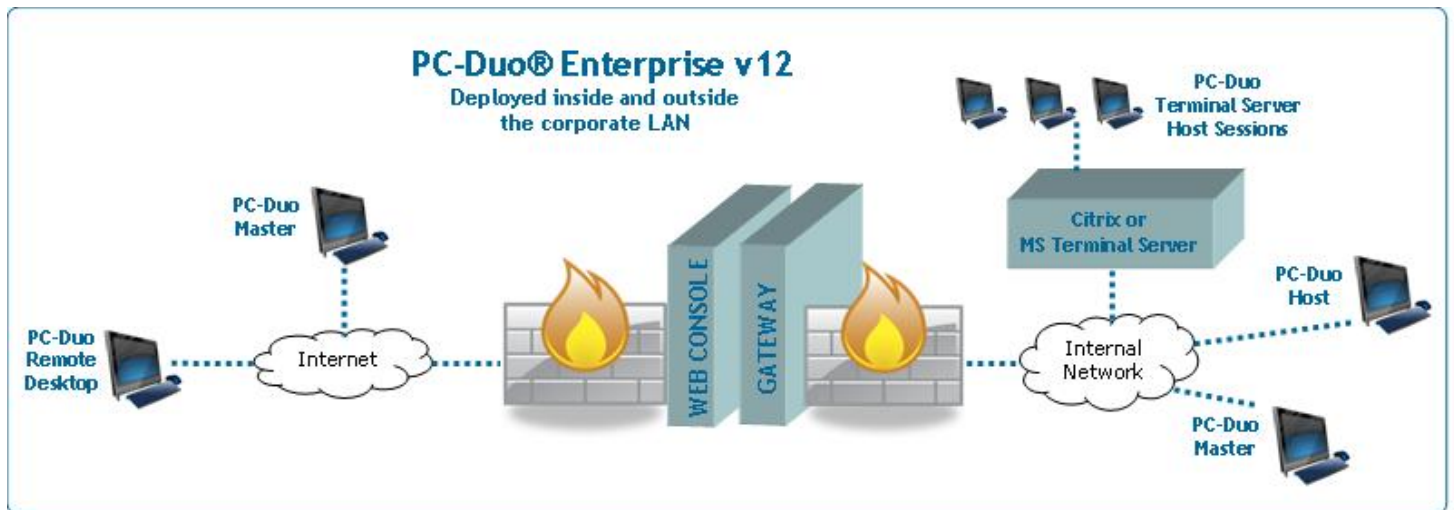
Web Console provides sophisticated administration of deployment, security and general Host configuration settings.

PC-Duo® On-Demand v12.5

PC-Duo remote control sessions are initiated either with the installed Master component, or through the Web Console.

Hosts can use either an installed agent, or can dynamically enable themselves for a PC-Duo connection by opening a browser and clicking on a 'Share my desktop' button on the PC-Duo Web Console.

Licensing is by concurrent PC-Duo sessions. Host deployment is unlimited.

PC-Duo® Enterprise v12
Deployed inside and outside
the corporate LAN

SOLUTION ARCHITECTURE		Express	Enterprise	On-Demand
PC-Duo® APPLICATIONS				
PC-Duo Web Console	Server application providing web-based access to the PC-Duo Gateway Server. Administrate Gateway settings through a new user interface and with additional analytics options.		✓	✓
PC-Duo Web Master 'Master On-Demand'	Click-once application available through the PC-Duo Web Console that provides Web-based access to remote and virtual desktops.			✓
PC-Duo Gateway Server	Server application that facilitates centralized administration, network access and security management for large numbers of remote and virtual desktops both inside and outside the corporate network.		✓	✓
PC-Duo Host	Small software agent that provides secure, reliable, always-available remote desktop access for attended or unattended machines.	✓	✓	✓
PC-Duo Web Host 'Host On-Demand'	Dynamically provided Host functionality downloaded from your Gateway server when the user clicks the 'Share my desktop' button on the server.			✓
PC-Duo Terminal Services Host	Server-side version of PC-Duo Host that provides remote access to virtual desktops. No bandwidth or CPU impact on thin client machines. Supports Windows and Citrix terminal servers.		✓	✓
PC-Duo Master	Standalone console application that provides network view of and remote access to remote desktops running PC-Duo Host.	✓	✓	✓
PC-Duo Deployment Tool	Software distribution application for mass deployment of PC-Duo applications, particularly PC-Duo Host, and configuration changes.	✓	✓	✓

REMOTE ACCESS FEATURES		Express	Enterprise and On-Demand
CONNECTION MANAGEMENT			
Automated Group Management	Configure Hosts to report automatically to predefined Groups when they report to the PC-Duo Gateway Server. Implemented with Windows Powershell scripting, available as a service from Vector.		✔
Wake-on-LAN	Send a request to turn on remote machines in standby or hibernation mode.		✔
Firewall-Friendly Connections	Connect to remote desktops outside of the corporate network without the need to reconfigure ports or security settings.		✔
Centralized Directory	Organize remote desktops into Groups, making them easier to find and manage.		✔
RDP Compatibility	Connect to a Windows Desktop with an active RDP session already in progress.	✔	✔
Polling	Discover all remote desktops available for connections in your network.	✔	✔
Always-on Service	Reach remote desktops any time, even if they are unattended.	✔	✔
Connection Notifications	Use audio (beep) and/or visual (popup toast, tray icon) notifications to alert remote desktop user of connection request.	✔	✔
Stealth Mode	Enable stealth mode access to remote machines by turning off audio (beep) and visual (popup, tray icon) notifications at connection time.	✔	✔
SECURITY—AUTHENTICATION			
Windows Authentication and Shared-Secret Authentication	Use strong Windows authentication to verify credentials of someone trying to login to PC-Duo Web Console or PC-Duo Master. Use proprietary PC-Duo authentication if Windows authentication not available (e.g. remote desktops outside the corporate domain).	✔	✔
LDAPS	LDAPS is used for encryption of connections between the PC-Duo Gateway and the domain controller(s) for Active Directory look-ups.		✔
SSL Authentication and Secure WebSocket	Use SSL certificates to authenticate web requests to PC-Duo Web Console and PC-Duo Gateway Server. WebSocket and Secure WebSocket also available for connections through corporate firewalls.		✔
End-to-End Authentication	Request Windows credentials acceptable to remote desktop before executing tasks like file transfers or remote management on machines outside of your corporate domain.		✔

REMOTE ACCESS FEATURES—Continued		Express	Enterprise and On-Demand
SECURITY—AUTHORIZATION			
Centralized Authorization	Develop standard access rights policies to manage general access to large numbers of remote desktops.		✔
Customizable Authorization	Develop custom access rights policies to manage fine-grained access rights to individual remote desktops.	✔	✔
IP Address Restrictions	Restrict access to remote desktops by IP address, IP address range and/or time zone.	✔	✔
SECURITY—ENCRYPTION			
Key Strength	Select encryption key strength ranging from 92– to 256-bits (default = 256).	✔	✔
Algorithms	Select encryption algorithm, including RC4, Triple-DES, and state-of-the-art AES (default = AES).	✔	✔
SECURITY—AUDITING			
Real-time Activity Reports	Track user, connection, remote desktop and license activities in real-time using web-based activity reports.		✔
Customizable Audit Reports	Generate and print custom reports of connection, activity and screen recording history for one or more remote desktops for analysis.		✔
Windows Event Log	Store details of connection-related activities in Windows Event Log for each remote desktop.	✔	✔
REMOTE CONTROL FEATURES		Express	Enterprise and On-Demand
REMOTE DESKTOP			
Citrix XenApp Support	Access virtual desktops running on Citrix XenApp.		✔
Kernel-Mode Screen Capture	Use highly-efficient kernel-mode screen capture driver for better responsiveness and performance with most remote desktop activities.	✔	✔
Remote Control	View and control remote desktop.	✔	✔
Color Depth Reduction	Reduce color depth to lower bandwidth usage and improve performance.	✔	✔
Bandwidth Throttling	Limit bandwidth usage to enhance performance and responsiveness over slow or narrowband networks links.	✔	✔
Display Options	Customize window to remote desktop (Fit-to-Window, Fit 1-to-1, Full Screen).	✔	✔
Extension Tags	Add custom information to identify or describe a remote desktop connection.	✔	✔
Multi-Monitor Support	Capture remote desktop spread over multiple monitors.	✔	✔
Remote Clipboard	Automatically or explicitly share clipboard content between user and remote desktop.	✔	✔
Headless Server Support	Ability to connect to workstations or servers that do not have a graphics head.	✔	✔
View Only Mode	Suppress keyboard/mouse input on remote desktop.	✔	✔
Remote Printing	Send content from remote desktop to printer attached to user's machine (not available in "click-once" applications).	✔	✔
COLLABORATION			
Active Users List	View the Windows identity of all connected users to a remote desktop.		✔
Screen Sharing	Share input control with other users connected to a remote desktop.		✔
Chat	Chat with remote desktop user and any other users connected to remote desktop.	✔	✔
FILE TRANSFER			
Bulk File Transfer	Use drag-and-drop interface to transfer files or entire directories.	✔	✔
Secure File Transfer	Guarantee privacy by transferring files or entire directories.	✔	✔
Resume	Resume large file transfers if connection is broken or interrupted.	✔	✔

REMOTE CONTROL FEATURES—Continued		Express	Enterprise and On-Demand
SCREEN RECORDING			
Centralized Recording	Record one or more remote desktops concurrently, even if there is no active Remote Control connection.		✔
Playback	Playback screen recordings from the Gateway, the local file or over HTTP .		✔
Conversion	Convert screen recordings to .wmv format for playback in any media player.		✔

REMOTE MANAGEMENT FEATURES		Express	Enterprise and On-Demand
INVENTORY			
Hardware Manager	Generate inventory of hardware components for remote desktop.	✔	✔
Software Manager	Generate inventory of installed software applications and Windows updates for remote desktop.	✔	✔
CONFIGURATION MANAGEMENT			
System Manager	View all system settings for remote desktop.	✔	✔
Shared Resource Manager	View shared folders and drives for remote desktop.	✔	✔
Account Manager	View a list of local users and groups for remote desktop.	✔	✔
Process Manager	View a list of running processes for remote desktop; stop any process.	✔	✔
Service Manager	View a list of Windows services for remote desktop; start/stop/restart any Windows service.	✔	✔
Registry Manager	View, edit, add or delete registry values for remote desktop.	✔	✔
Power Management	Force a log off of the remote desktop user; reboot, shut down, or adjust power scheme settings to cause the machine to enter a reduced power state after a period of inactivity.	✔	✔
Reboot in Safe Mode w/ Networking	Trigger a remote desktop to restart in safe mode with networking, and then reconnect while in safe mode.	✔	✔
Event Manager	View and access Windows Event Viewer logs for remote desktop.	✔	✔
DEPLOYMENT			
Mass Deployment	Automate the deployment of the PC-Duo Host application to large numbers of machines in your domain using PC-Duo Deployment Tool.	✔	✔
Custom Host Install Package	Create and deploy custom versions of PC-Duo Host application with specific settings of your choosing.	✔	✔
Active Directory Integration	Discover machines accessible for deployment from your existing Active Directory OU structure.	✔	✔
Automated Updates	Automate the deployment of changes in Host Settings using PC-Duo Deployment Tool, or a command line script that can be triggered to run on startup/login via Active Directory/Group Policy.	✔	✔

SUPPORTED PLATFORMS		Express	Enterprise and On-Demand
Microsoft	Windows 8.1, Windows 7, Vista, XP Windows Server 2012 R2, Server 2008, Server 2003 (32– and 64-bit).	✔	✔
MacOS	Limited support for all OS X (running VNC Server).	✔	✔
Linux	Limited support for all Linux OS (running VNC Server).	✔	✔
Virtual Servers	Citrix XenServer, VMWare ESX, Microsoft Hyper-V.		✔
Virtual Desktops	Citrix XenApp, Citrix XenDesktop, Microsoft Terminal Services, VMware.		✔
Thin Clients	Wyse terminals, Pano boxes.		✔