Avast Business

Antivirus

Reviewer's Guide 2021

Avast Business

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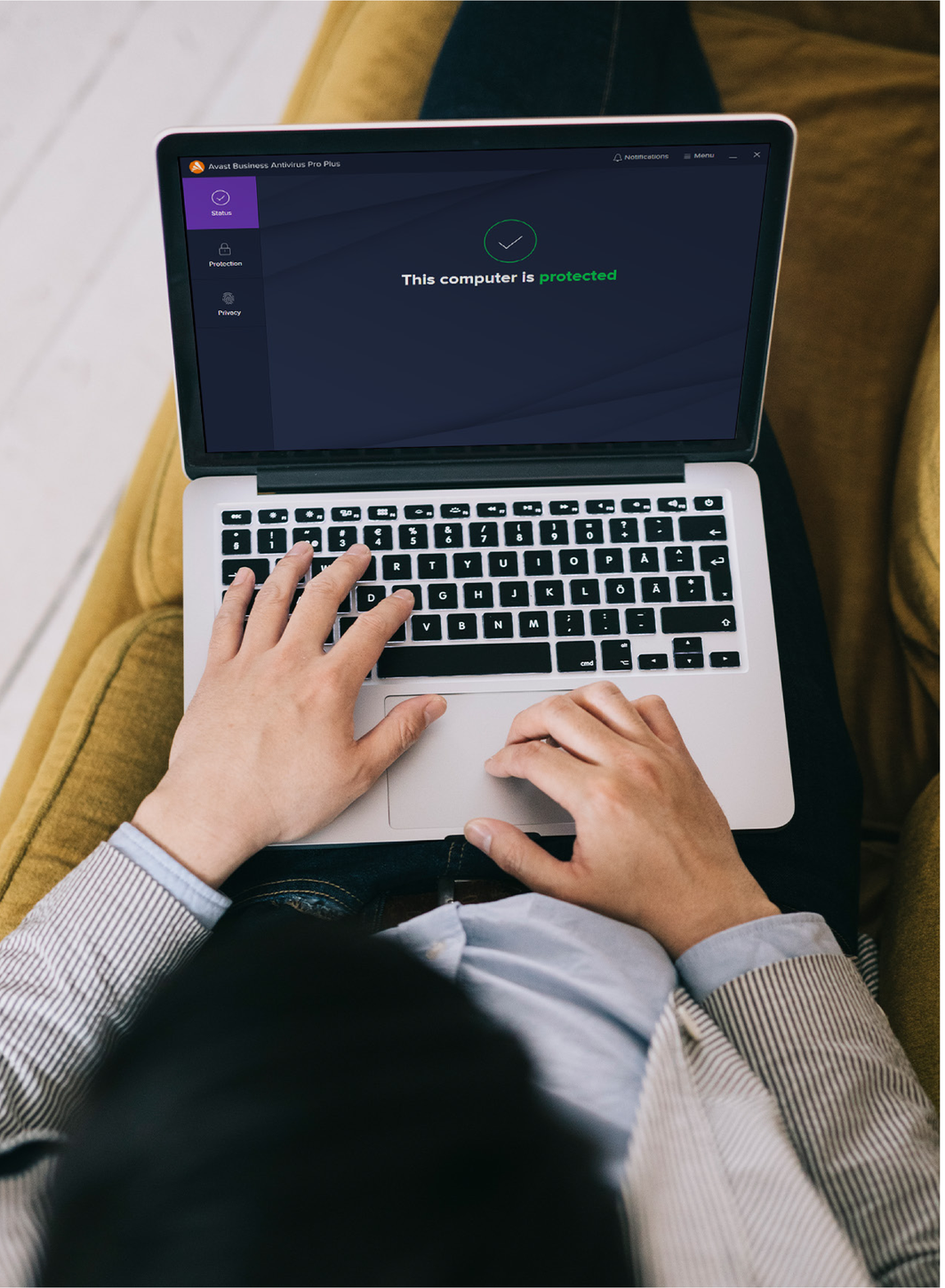
Avast Business

Product comparison

Features	Antivirus	Antivirus Pro	Antivirus Pro Plus
File Shield Scans files, URLs, and email attachments to prevent malware, ransomware and more.	●	●	●
CyberCapture Sends suspicious files to our experts at the Avast Threat Lab for analysis.	●	●	●
Firewall A customizable firewall that filters network traffic and stops untrusted connections.	●	●	●
Behavior Shield Looks for suspicious behavior in programs installed on devices that may indicate malicious code.	●	●	●
Web Shield Checks URLs and certificates to ensure they are safe before a network connection is made.	●	●	●
Mail Shield Continuously checks incoming and outgoing emails to ensure they are malware-free.	●	●	●
Remote Access Shield Blocks unwanted remote connections to prevent Remote Desktop Protocol (RDP) exploits and brute-force attacks.	●	●	●
Smart Scan Combines antivirus, software updates, network security, and performance scans into a single one-click fix.	●	●	●
Sandbox A safe environment to test dubious programs and files, safely separated from the rest of your PC.	●	●	●
Wi-Fi Inspector Finds and fixes weaknesses in your network that might be putting you at risk.	●	●	●
Real Site Protects you and your employees from fake sites designed to steal your data.	●	●	●
Rescue Disk With a special external drive, you can run an anti-malware scan to salvage compromised PCs.	●	●	●

**Only available with standalone AV product.*

Features	Antivirus	Antivirus Pro	Antivirus Pro Plus
Security Browser Extension Scans websites for reputation and authenticity, blocks ads, and puts devices in super-safe mode for additional privacy.	●	●	●
Software Updater* Keeps commonly used third-party software up to date to eliminate potential security exploits.	○	●	●
Data Shredder Permanently delete confidential files with financial or customer data that you don't want to be recovered.	○	●	●
Exchange Server Protection Scans and filters emails at the Exchange server level – stopping potential attacks before they spread to the network.	○	●	●
SharePoint Server Protection Checks all files uploaded onto shared storage to ensure malware cannot compromise data.	○	●	●
Browser Cleanup Keep things running safely and quickly with routine cleaning that erases junk files slowing down your browser.	○	○	●
Webcam Shield Prevents webcam spying by ensuring that apps ask for your permission before your webcam is turned on.	○	○	●
Password Protection Prevents applications and malware from viewing, changing, or deleting passwords that are saved on your browser.	○	○	●
SecureLine VPN Make every connection private no matter what network or Wi-Fi your employee is using.	○	○	●
Centralized Management Easily deploy, manage, and monitor your devices from the Avast Business Hub platform.	●	●	●



Avast Business Antivirus

What is it?

Avast has been protecting businesses around the world for more than 30 years, giving us decades of experience in detecting and protecting our users from ever-evolving malware.

When we first started, we only saw a few new viruses each month and even sent out virus definitions to our customers on floppy disks or CD-ROMs.

Today, Avast Business endpoint protection solutions detect threats in real time, and block around 1.5 billion attacks a month, protecting more than 400 million users worldwide. In the early years, signature-based threat detections were the basis for antivirus engines, and are still one of the tools used by the industry today. For many years now, the cybersecurity industry has been using automated systems to detect threats.

Avast uses machine learning and artificial intelligence to protect businesses from the massive amount of cyberattacks we see every day and every minute. Artificial intelligence offers us the opportunity to detect threats in real time and anticipate emerging threats. We train our machines to learn from databases of known threats to identify attack patterns of completely unknown threats. Our extensive user base gives us a competitive advantage, providing access to huge amounts of security data, which is key to the success of our artificial intelligence and machine learning technology.

Built on the largest, most globally dispersed threat detection network in the world, Avast Business Endpoint Protection Solutions deliver superior, business-grade protection that keeps small and medium businesses safe from today's threats – and tomorrow's.

Avast Business

Avast Business Antivirus
for Windows

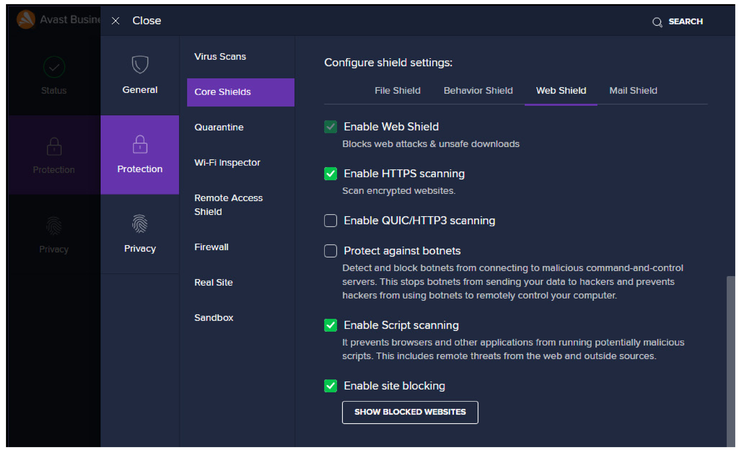
Avast Business Antivirus for Windows

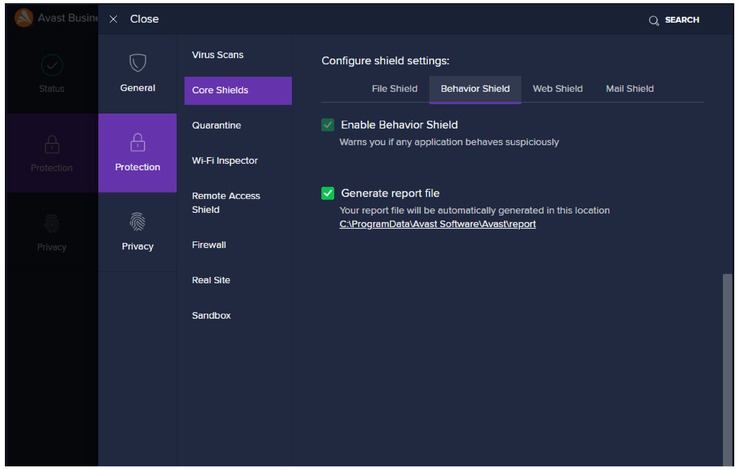
Core Shields

Avast Business Antivirus' core shields include Behavior Shield, Web Shield, Mail Shield, and File Shield.

Web Shield

As more and more online services are moving to HTTPS by default, or even HTTPS-exclusive, hackers are increasingly targeting these sites. Web Shield scans HTTPS sites for malware and other dangers, and verifies website certificates rather than replacing them with our own. HTTPS scanning detects and decrypts TLS/SSL-protected traffic. Additionally, this feature adds compatibility for SPDY+HTTPS/ HTTP 2.0 and QUIC traffic. In other words, we check HTTPS sites without disrupting users' browsing experience.





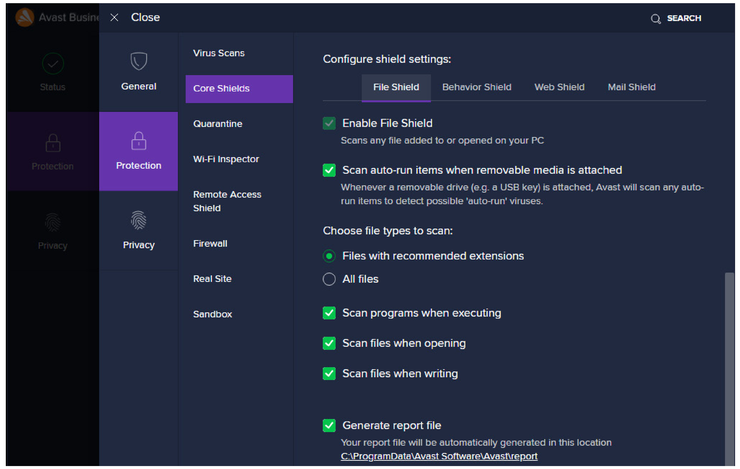
Behavior Shield

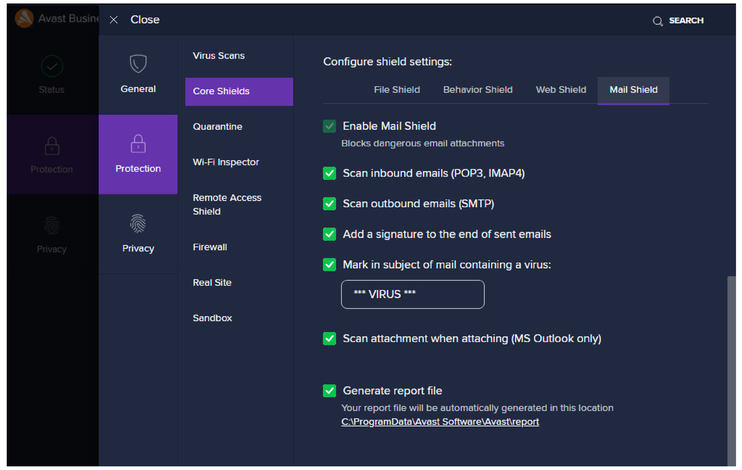
Behavior Shield monitors all the programs that are currently running on a PC and carefully observes their behavior. Behavior Shield does not 'watch' what the user is doing, only what the software itself is trying to accomplish. If it notices something that is uncharacteristic for that program type (for example, a PDF reader program trying to download something from the web), Behavior Shield is triggered, stops the action, and reports the behavior to the user. This prevents malicious programming from becoming deeply entrenched in a PC. Any undiscovered threats will then be reported and added to our ever-expanding threat database. Users can add programs they trust and Behavior Shield will leave these unsupervised. Information on trusted programs is fed into Avast's extensive cloud base.

Avast Business Antivirus for Windows

File and Mail Shield (Core Shields Continued)

Like the Web Shield, our File Shield and Mail Shield protect essential — and often vulnerable — parts of PCs. Mail Shield scans emails received in users' inboxes to ensure they are free of malware, while File Shield quickly scans files that are launched on a PC to ensure they are free of any recognizable malware.





Streaming updates

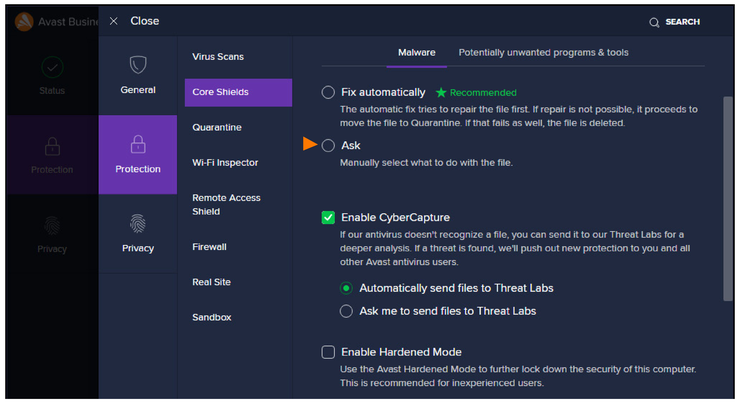
While we do much of our heavy lifting in the cloud, we continue to keep our antivirus current with regular definition updates. This is especially important when users find themselves offline. Avast sends more than 400 micro-updates per day — approximately one every six minutes — and have expanded the types of signatures provided over streaming updates and manually created signatures, along with TrojanGen/EvoGen, URL blocks, and whitelist signatures. In short, we're delivering near real-time signature updates to protect against the newest emerging malware.

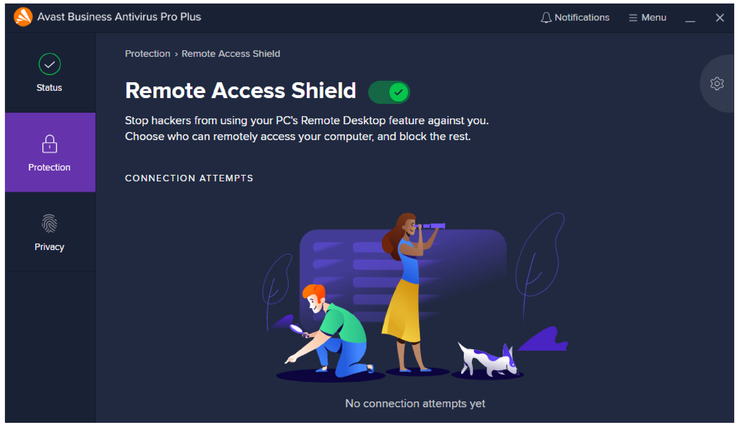
Avast Business Antivirus for Windows

Cybercapture

As a part of File Shield, CyberCapture is a cloud-based, smart file scanner that provides zero-second protection by detecting unrecognized files. Rather than relying on the latest definition updates, CyberCapture isolates unknown files in a safe environment and automatically establishes a two-way communication channel with the Avast Threat Labs. In an ever-evolving threat landscape, this important feature allows for deep analysis through Avast's threat analysts, providing a first response line of defense against new, never before reported threats.

To analyze a file in CyberCapture, Avast uses many automated systems (including code emulation and machine learning) together with manual analyst work. A decision is made on the basis of a summary of all the obtained information and once a file has been analyzed, we tell the user whether the file is safe or dangerous. CyberCapture analyzes an average of 20,000 files daily.





Remote Access Shield

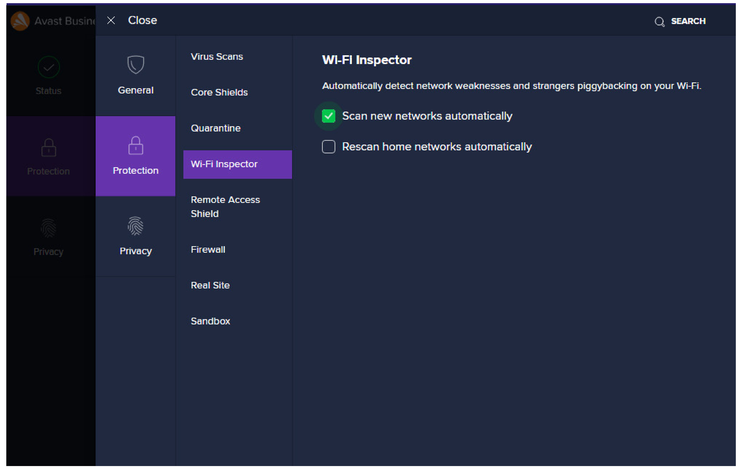
Remote Desktop Protocol (RDP) is a useful tool for giving authorized remote access to a Windows PC. However, RDP is also known for being insecure, and this can leave it vulnerable to remote access attacks where a hacker will exploit the protocol's security weaknesses in order to remotely take control of a victim's PC or to distribute malware. Remote Access Shield protects against such attacks in three ways:

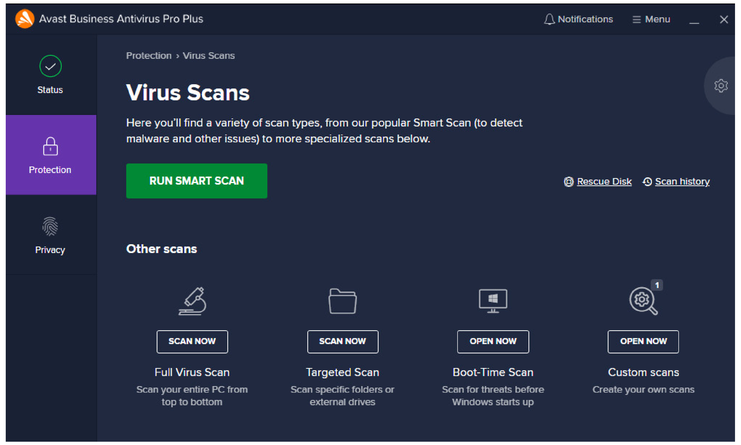
- Detect and block brute-force attacks by counting unsuccessful login attempts within a specified period of time and blocking the IP address associated with these attempts.
- Secure known OS vulnerabilities and prevent RDP exploit attacks aimed at breaching them.
- Automatically block all IP addresses known to distribute malware by exploiting RDP ports. Our database is continuously updated using our AI algorithm.

Avast Business Antivirus for Windows

Wi-Fi Inspector

Avast Wi-Fi Inspector identifies weak passwords, vulnerable routers, compromised internet connections, and enabled, but not protected, IPv6. It lists all the devices on the network so users can make sure that only trusted devices are connected. If an issue is found, we'll offer solutions for how to fix it, keeping users safe on both public and private networks. This proactive approach to security highlights our ongoing commitment to provide users with 360 degrees of protection that extends beyond the device to the user's Wi-Fi landscape.



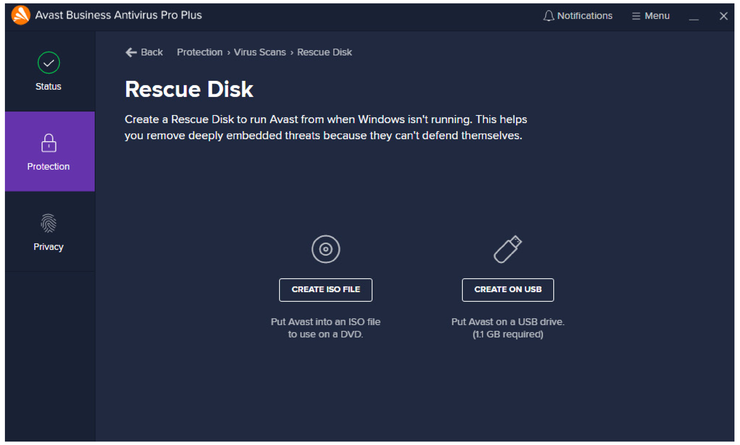


Smart Scan

Smart Scan lets users scan many issues with one click and discover features that could further improve their PC. To speed up the scanning process, Smart Scan combines scans for viruses, software updates, new features, and performance issues into one concentrated scan. Once completed, it shows the itemized results and, if there are any issues, offers tools and suggestions to fix them. Smart Scan is lightweight, allows for parallel scanning, and can be scheduled by the user.

Rescue Disk

People can lose days of time and chunks of saved data while trying to purge malware from their systems. To smooth out this process, Avast allows users to create a version of their Avast installation and save it to a USB or CD. This way, if a user's PC becomes so infected that it can't even run Avast properly, the user has the disk version ready to give their PC a clean reboot and restore its functionality. The Rescue Disk is built on Windows PE (a pre-installation environment), which allows users to boot a PC even when there's no functioning OS. The Rescue Disk function is available in all Avast products.



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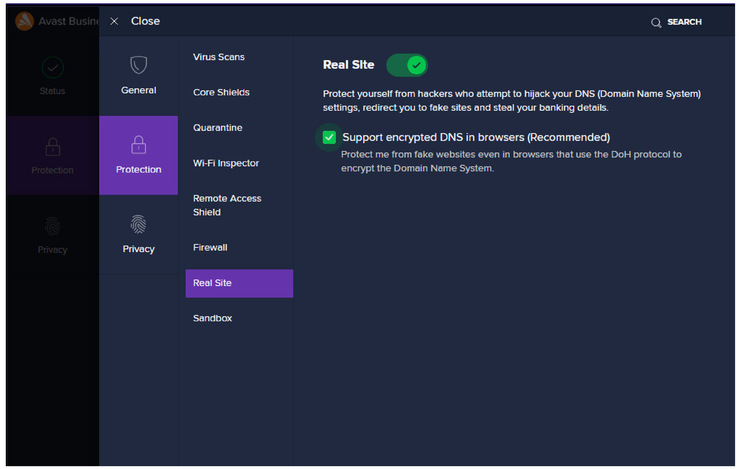
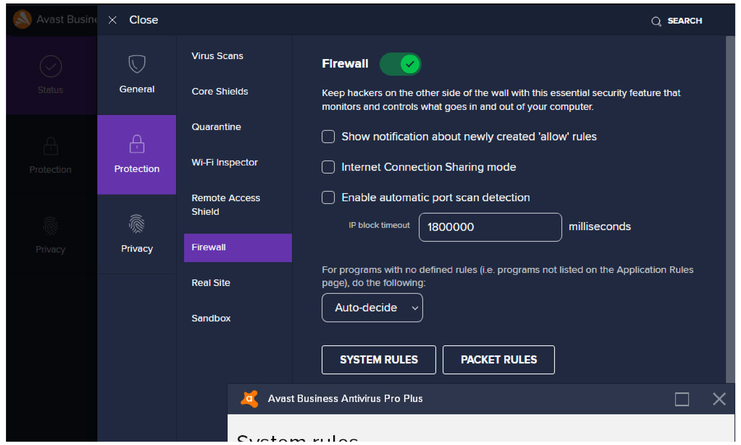
Avast Business Antivirus for Windows

Real Site

One of the biggest risks that online users face is DNS hijacking. Malware exploits vulnerabilities in a user's router and surreptitiously redirects them away from their intended destination, such as their bank's website, to a fake site that looks just like the real thing. When the user tries to log in, thieves capture the user's login details and then use them to access the real site. Avast has everything employees need to keep their browsers honest. Real Site encrypts the traffic between an Avast-protected device and our DNS server. Real Site will keep businesses and their employees away from fake sites designed to steal their data.





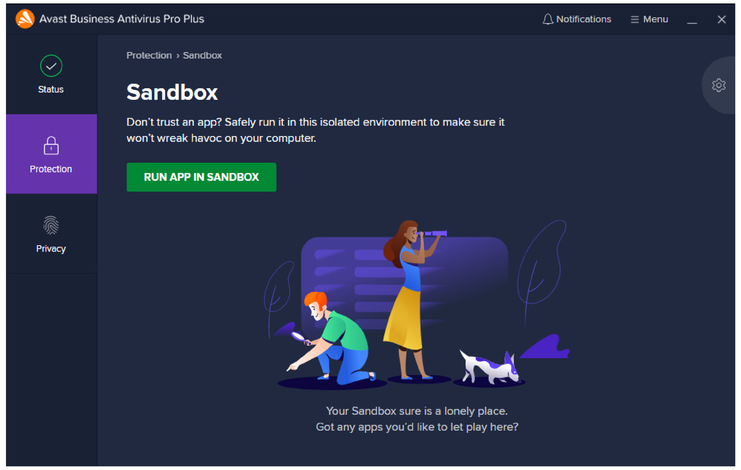
Firewall

While Windows offers a free firewall, it is not nearly robust enough for most business security needs and offers very few configuration options. Avast Business Firewall, on the other hand, offers better outbound protection and configurability than Windows, while remaining invisible to the user. When set to 'Public Network' mode, Avast Firewall protects the user's privacy even further. It blocks all incoming connections from the network, preventing sensitive data leaks and traffic-stealing attacks.

Avast Business Antivirus for Windows

Sandbox

Users often find themselves unsure if software they've installed on their system is safe to run or if it may hide some malignant malware. This is especially true if the user doesn't trust the source of the file. Sandbox is a virtual space that allows users to run files safely, separated from the rest of their PC, so they are at no risk of any lurking malware sneaking onto their drive and corrupting or stealing their data. Sandbox can run individual files with just a click, and can continue to run them for as long as the user sees fit. Any changes made by the executable, or within the executable, are not saved once Sandbox is closed.



Security Browser Extension

Scans websites for reputation and authenticity, blocks ads, and puts devices in super-safe mode for additional privacy.

Software Updater*

Software updates can be a real hassle as they interrupt work and disrupt system functions. Because they can be so annoying, many employees postpone installing them, which leaves their devices vulnerable. Many PC users are not aware that cybercriminals take advantage of vulnerabilities in outdated, commonly used software. Avast Software Updater helps employees update their software and apps by listing all the out-of-date programs and applications on the device, allowing users to update them with a single, convenient click.

**Only available with standalone AV product.*

Avast Business

Avast Business Antivirus for Windows and Windows Servers

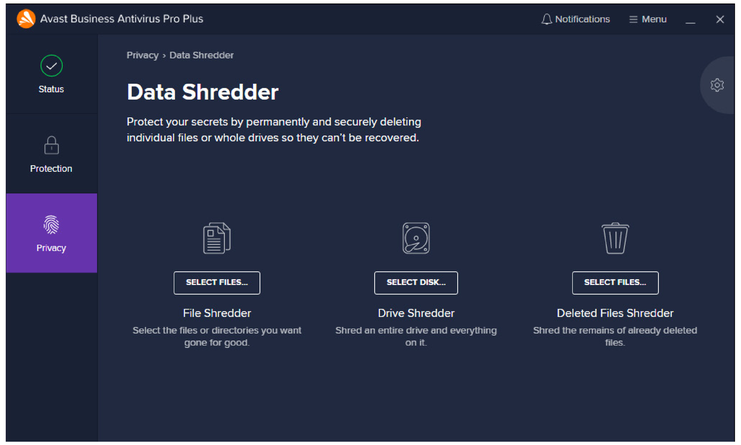
Avast Business Antivirus Pro includes all the features in Avast Business Antivirus plus additional features and server protection. It scans all files to ensure they are malware free – whether they are shared or stored in Exchange and Sharepoint servers.

Exchange Server Protection

Exchange Server Protection scans and filters emails at the Exchange server level – stopping potential attacks before they spread to the network.

Sharepoint Server Protection

SharePoint Server Protection checks all files uploaded onto shared storage to ensure malware cannot compromise data.

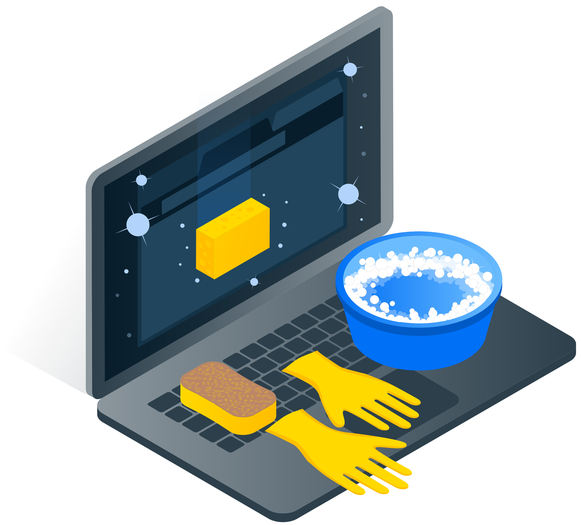


Data Shredder

Data Shredder encrypts deleted data, so even if it's recovered, no one can extract anything from the files. When users delete a file, the space is made available again, but it's still possible to restore the deleted file. To avoid this, the free space needs to be rewritten with new data. That is what Data Shredder does — it replaces that free space with random data. To be absolutely sure data cannot be restored, multiple bit patterns are used to overwrite the original data.

Avast Business Antivirus Pro Plus for Windows and Windows Servers

Avast Business Antivirus Pro Plus includes all the features in Avast Business Antivirus Pro along with additional features for enhanced privacy, productivity, and security.



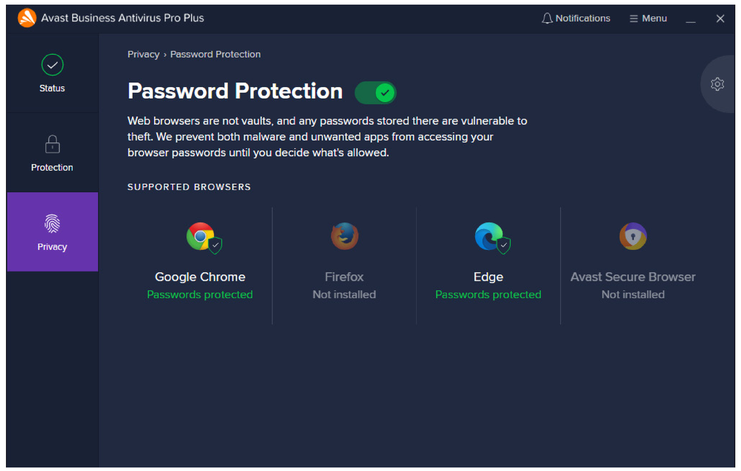
Browser Cleanup

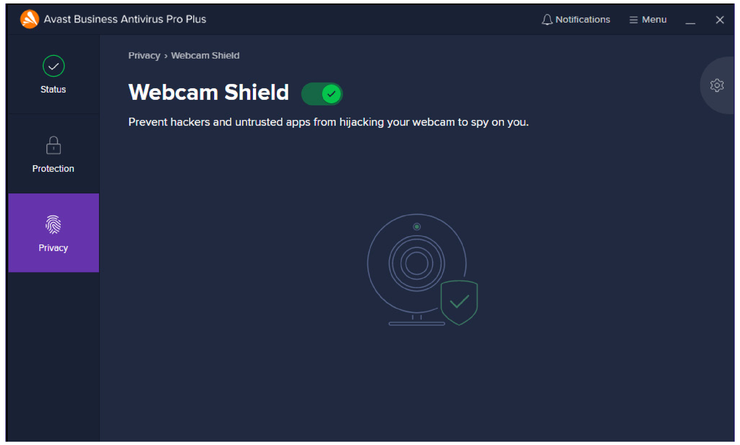
Browser Cleanup checks browsers for add-ons with poor reputation and removes cookies that contain personal information.

Password Protection

Password Protection prevents applications and malware from viewing, changing, or deleting passwords that are saved in the users' Google Chrome, Mozilla Firefox, Edge, and Avast Safe Browser.

Employees can choose whether to be asked when an unknown application attempts to access the passwords, or they can choose to silently block the application.





Webcam Shield

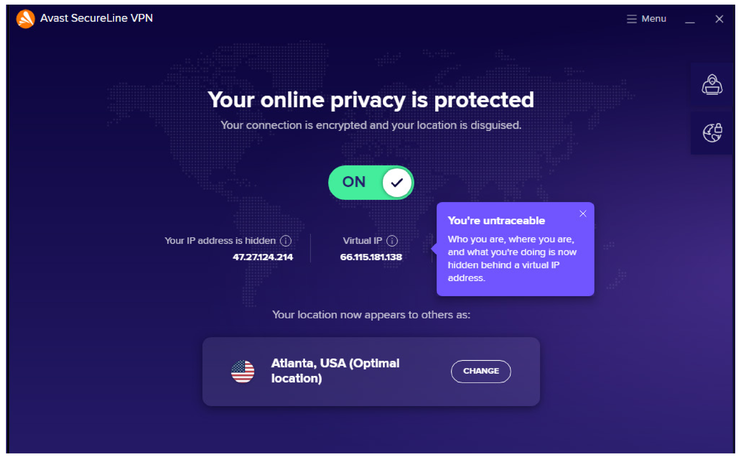
Webcam Shield eliminates the neted for an ugly piece of tape attached to the PC webcam. Webcam Shield acts as a computer's personal bodyguard, blocking untrusted apps from hijacking the webcam to spy on employees. With this feature, users have complete control over what apps use their camera. It can also ensure that all apps (even the safe ones) ask for permission before accessing the webcam.

Avast Business Antivirus Pro Plus for Windows and Windows Servers

Secureline VPN

Avast SecureLine VPN provides a secure, encrypted internet connection that keeps the users' online activity and communications completely private. By encrypting their connection via one of our 700 servers, SecureLine VPN lets employees safely use unsecured public Wi-Fi and allows them to access geo-blocked content from anywhere.

Avast follows the top industry standards in keeping data safe, secure, and hidden from any prying eyes — without any complicated setup or configurations. These features are always on when SecureLine is on, for maximum convenience and protection — though the Smart connection rules can be customized.



SecureLine VPN protects employees by:

- **Hiding their IP address:** When connected to one of our servers, the user's real IP address is hidden and they use our server's IP address instead. All users connected to that server share that same IP address, making it even harder for traffic on that IP to be traced to an individual.
- **Securing their connection:** In addition to privacy, Avast secures their connection with 256-bit AES, which is virtually impenetrable. Having a 256-bit encrypted internet connection also secures whatever data the user may be transferring over the network. This is particularly important when using unsecured public Wi-Fi, where a hacker on the same network could attempt to intercept any information being sent from the user over the unsecured network (such as important emails, banking information, account credentials, etc). A hacker could also use an unsecure network to distribute malware to a device connected to the same network (for instance, if you allow file sharing over the network).
- **Protecting against DNS leaks:** DNS requests are encrypted by Avast and sent to our secure DNS servers to protect users from possible DNS leaks that could reveal their real IP address. This ensures user privacy from their ISP and any other on-path eavesdropper.

Avast Business

Avast Business Antivirus
for Mac

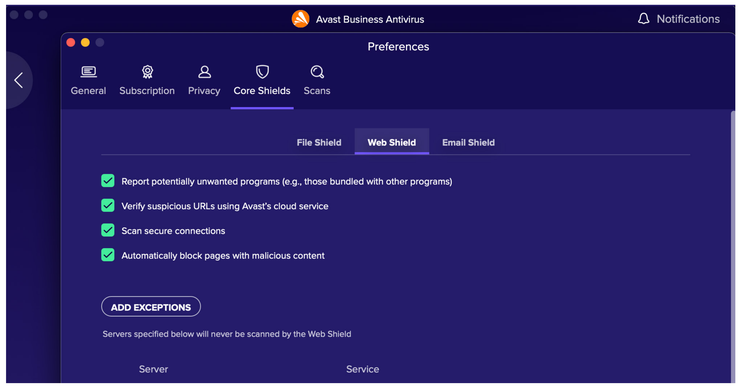
Avast Business Antivirus for Mac

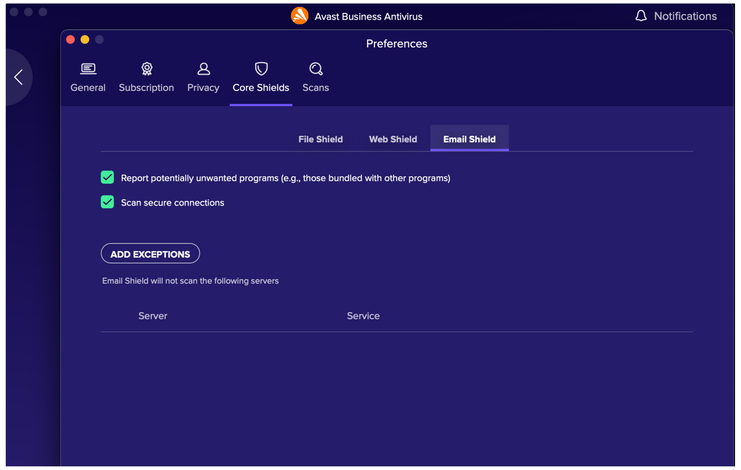
Core Shields

Our three shields, Web, Mail, and File, work together in real time to prevent malware from infecting Macs. All shields are enabled by default and users can adjust or disable any shield from the program's preferences. Avast uses kernel or system extensions, depending on the MacOS version, to protect and secure a user's Mac, and to enable it, a user has to allow them in MacOS system preferences (MacOS requires user approval before loading newly-installed third party extensions).

Web Shield

Web Shield scans websites for malware and other dangers to block threats before they are downloaded to a Mac.



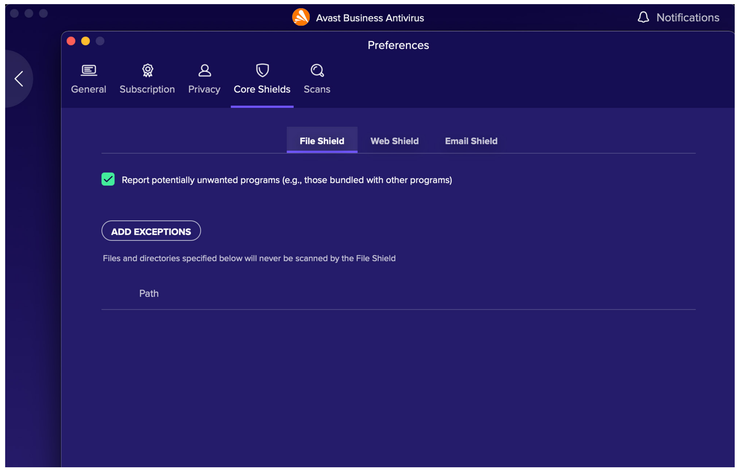


Mail Shield

Email Shield scans emails received in an inbox to ensure they are free of malicious attachments, and even prevents users from sending malicious attachments to others.

File Shield

File Shield instantly scans any file launched on a Mac to ensure it's free of any recognizable malware.



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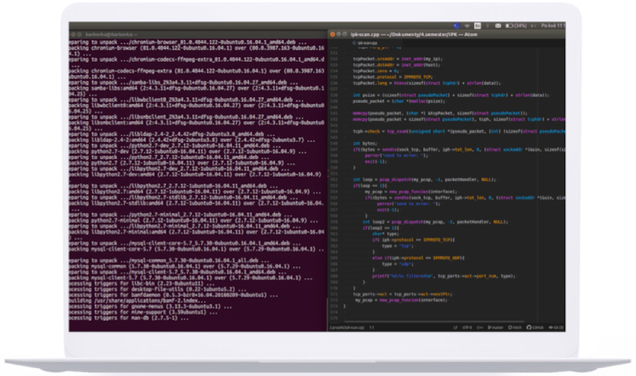
Avast Business Antivirus
for Linux

Avast Business Antivirus for Linux

Linux, often considered more secure than other operating systems (OS) due to its open OS and lower user base, is growing in popularity and is being increasingly relied on for critical functions. This sets it up for risk and potential attack. Our Avast Business Antivirus for Linux solves this, providing reliable and high-performance security.

Core Scanner

Core Scanner scans on-demand for malware, spyware, viruses, and suspicious add-ons or attachments. It also offers a command line scan tool that integrates with email servers using an open source content filter to provide users with more control and management over scans.

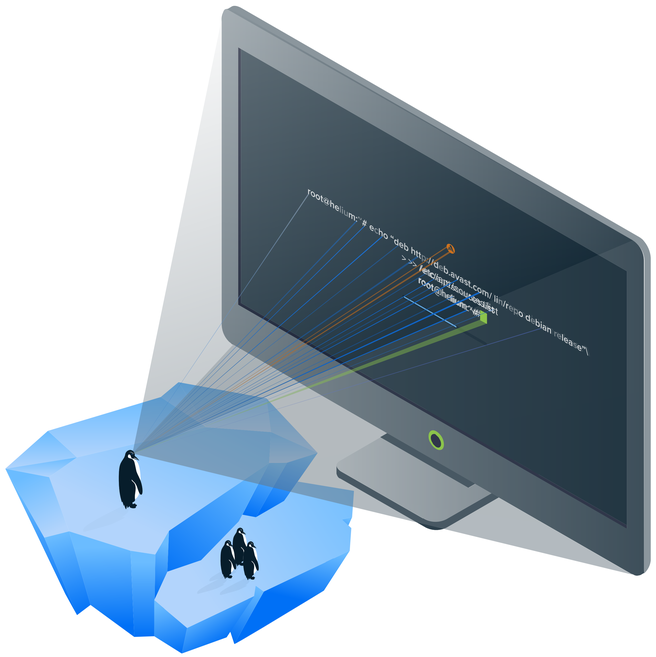


File Server Shield

File Server Shield scans Linux file servers in real-time as files are opened, through fanotify-based support that protects files that use both UNIX (NFS) and Windows (Samba) protocols, to ensure continual protection from inbound and outbound cyberattacks.

Command Line Scanner

Command Line Scanner runs fast scanning on any Linux directories using a command line instead of a graphical user interface for maximum performance. Through the scanner's cron utility, users can schedule and specify the types of scans, choose the settings, and indicate any exclusions.



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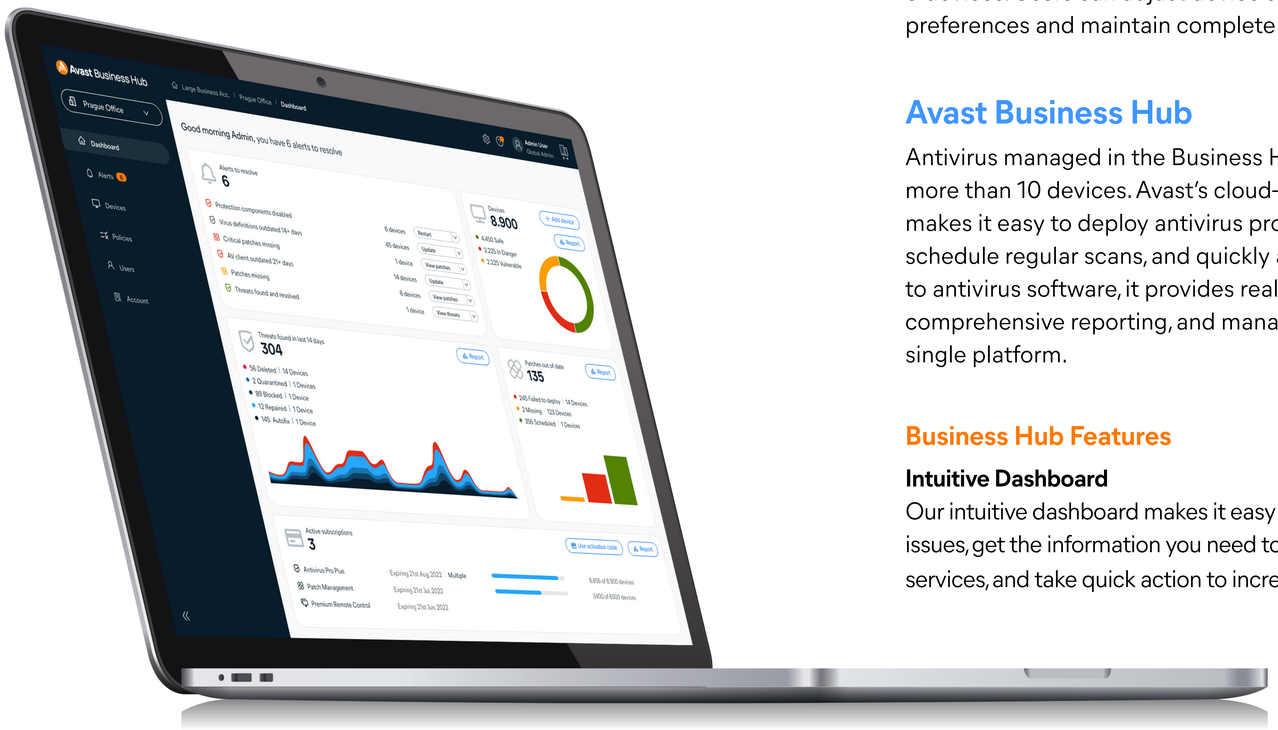
Device Management

Device Management



Avast Business Antivirus solutions are available as standalone or with the Avast Business Hub.

Standalone Antivirus

Standalone Antivirus is ideal for small businesses with less than 5 devices. Users can adjust device settings according to their preferences and maintain complete control of the data.

Avast Business Hub

Antivirus managed in the Business Hub is ideal for businesses with more than 10 devices. Avast's cloud-based management platform makes it easy to deploy antivirus protection to multiple devices, schedule regular scans, and quickly add more devices. In addition to antivirus software, it provides real-time visibility of threats, comprehensive reporting, and management capabilities, all from a single platform.

Business Hub Features

Intuitive Dashboard
Our intuitive dashboard makes it easy to view all alerts at a glance, address issues, get the information you need to make informed decisions, add services, and take quick action to increase uptime, stability, and security.

Device and Policy Management
The Business Hub allows you to manage security for all devices. Policy changes will automatically configure themselves on the agent-controlled devices in real time, requiring less maintenance and making it easier to scale business operations.

Comprehensive Reports
With just the click of a button, you can simply generate and schedule easy-to-read, detailed activity reports. Our reports include information on blocked threats, task lists, protected devices, patch statuses, and more.

Notifications
Our instant email notifications inform you about any security threats or network issues that need your attention, including outdated antivirus applications, extended device inactivity, and additional device updates.

Master Agent
With our Master Agent, you can select a device as the Local Update Server where all updates can be downloaded. Additionally, you can save bandwidth by scheduling and distributing updates to all endpoints in your network when it's convenient.

Commands
With this feature, you can quickly apply commands across devices like scans, restarts, and more. Plus, you can run commands automatically based on policy settings.

Connect securely to any managed device
Administrators can use Avast's free remote access and support tool to connect securely to any device with the Avast agent installed and remotely resolve issues, perform tasks, reboot computers, transfer files, and chat with users.

Resources

Avast Business

Resources

Avast Business Antivirus

Product download URL

Screenshots

Box Shot

Customer support options

1 year/1 seat $36.99

1 year/10 seat $344.00

30-day free trial

Avast Business Antivirus Pro

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Screenshots

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Customer support options

1 year/1 seat $46.99

1 year/10 seat $422.90

30-day free trial

Avast Business Antivirus Pro Plus

Product download URL

Screenshots

Box Shot

Customer support options

1 year/1 seat $56.99

1 year/10 seat $512.90

30-day free trial

Avast Business for Mac

Product download URL

Screenshots

Box Shot

Customer support options

1 year/1 seat $36.99

1 year/10 seat $344.00

30-day free trial

Avast Business for Linux

Product download URL

Screenshots

Box Shot

Customer support options

1 year/1 seat $259.99

**Up-to-date pricing can be found on the Avast website.*

Avast Business

Privacy Policy

Privacy Policy

As one of the world's most trusted antivirus software companies, Avast defends businesses against threats in cyberspace. To do so, Avast may have to collect personal data to provide its users with the best weapons and the most up-to-date security. Avast does not take this trust for granted. Avast has developed a Privacy Policy that covers how Avast collects, uses, discloses, transfers, and stores users' personal data. Avast's full privacy policy, which includes why and how Avast processes data, and how Avast discloses and protects its users' personal data, can be found here.

Contact

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