

User Workstation Requirements.

English

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1. User Workstation Requirements

The following table outlines the workstation requirements for users of the Bloomberg Terminal:

	Standard User		Trading System Users (Power Users)
	Minimum	Recommended	Recommended
Processor	Intel® 8th Gen (Coffee Lake) Core™ i5, i7 or Xeon® Min Logical Cores: 6	Intel® 11th Gen (Rocket Lake/Tiger Lake) Core™ i7 or i9 Min Logical Cores: 8	Intel® 11th Gen (Rocket Lake/Tiger Lake) Core™ i7 or i9 Min Logical Cores: 12
	-	AMD Ryzen™ 5, 7 or 9 5000 series Min Logical Cores: 8	AMD Ryzen™ 5, 7 or 9 5000 series Min Logical Cores: 12
	Minimum PassMark® Score: 2,100	Minimum PassMark® Score: 2,500	Minimum PassMark® Score: 2,500
Memory	16 GB RAM	32 GB RAM	32 GB RAM
Hard Disk	SSD 15 GB minimum free for installation 5 GB minimum free for software updates	SSD 25 GB minimum free for installation 5 GB minimum free for software updates	SSD 25 GB minimum free for installation 5 GB minimum free for software updates
Operating System	Windows 11 (64-bit)		
Video Card	Dedicated Graphics Card (Dual port) with a minimum of 512 MB memory DirectX 11.x compatible		
Display Settings	1920x1080x32 recommended Dual Displays recommended		
Network Adapter	Network adapter with TCP/IP Services enabled		
Keyboard	Available USB port to accommodate the Bloomberg Keyboard		

Workstation requirements for users of the Bloomberg Terminal

These recommendations are reviewed and refreshed periodically based on various factors. Higher specifications may be required depending on concurrent usage of the Bloomberg Terminal, other Bloomberg applications, and third-party applications (Microsoft Office Suite, order management systems, etc.).

Users monitoring fast-moving markets should consider the recommended specification as a minimum requirement for an optimal user experience.

Note:

- Users running several CPU/memory intensive applications on the same PC may require higher-grade hardware, including more memory and faster and/or additional CPU cores.
- In general, desktop CPUs can sustain higher speeds for longer periods of time than mobile CPUs due to battery and cooling limitations in laptops.
- Newer Intel® CPU models feature both Performance-cores (P-cores) and Efficient-cores (E-cores). Performance-cores typically benefit heavy Terminal usage during periods of high market activity, and Efficient-cores consume less power but operate at lower speeds.
- Users on PCs under the minimum specifications may experience degraded performance.
- Limited support is available for Windows 11 on Arm®-based systems.
- For more information about Bloomberg's trading systems, refer to <https://professional.bloomberg.com/products/trading/>.
- For more information about supported operating systems and Microsoft Office products, refer to the Software Compatibility Matrix on our [Documentation](#) support website.
- PassMark® Software's Single Core Benchmark Score is an indicator of CPU performance. For more information, refer to <https://www.cpubenchmark.net/>.

2. Bloomberg Experience Score

To assess your PC’s performance capabilities, run a test using the Terminal function **BEXP <GO>**. This function simulates Terminal application activity and outputs a score (1-10) indicating the throughput of your system. It also performs a series of diagnostic tests to identify any possible bottlenecks in your PC. This test can also be initiated from the TOUR INSTALL login. For any questions, please contact [Bloomberg Technical Support](#).

Bloomberg Experience Score

S/N 1234567 | 04/20/26 10:08

Bloomberg Experience Score

8.2 (Good)

GPU Model

NVIDIA, NVIDIA Quadro P400 (0x00001CB3)

GPU Driver Version

32.0.15.7324

> Show More Info

Network Diagnostics

2/2 Tests Passed

Tests	Your System	Recommendation
> Connection Type	Private IP	Private IP
> Connection Retransmissions	0.00 %	< 2 %

Additional Diagnostics

10/10 Tests Passed

Tests	Your System	Recommendation
> CPU Score	2881	2500+
> CPU Cores	16	8+
> Installed Memory	33 GB	32+ GB

BEXP score results and diagnostics example (for illustrative purposes only)

3. VDI Support Guidelines

The Bloomberg Terminal delivers the optimal user experience when running on a physical PC with dual monitors and a dedicated graphics card. Support for the Bloomberg Terminal in **Virtual Desktop Infrastructure (VDI)** environments is contingent on the VDI solution's ability to provide performance and fidelity that meet (or exceed) the minimum PC requirements.

Only **Bloomberg Anywhere** licenses are permitted for use in VDI and remoting solutions; Traditional (Open) licenses are not permitted.

Virtualization and desktop remoting technologies may result in degraded performance of the Bloomberg Terminal due to a variety of factors. To provide VDI users with the same (or better) user experience available to desktop PC users, Bloomberg recommends that customers follow their virtualization vendors' reference models and capacity-planning guidelines. In addition, the following factors should be carefully considered:

- Allocation of sufficient CPU, memory and disk space per virtual machine session, based on our recommended user workstation requirements
- Network latency and bandwidth (VDI cluster to desktop) – Bloomberg recommends a maximum network latency of no more than 35 ms, as measured by a 56-byte round-trip ping, between the thin/zero client and the virtual machine
- Number of real-time monitoring components (Launchpad, Excel sheets, etc.)
- Support for Bloomberg's automatic software updates
- Bloomberg Keyboard compatibility with the VDI or remoting solution
- Number of displays and desktop resolution of each display (total pixels)

Bloomberg conducts some functionality testing with leading VDI solutions and can provide limited technical support for specific VDI solutions.

4. Bloomberg Keyboard in VDI

The Bloomberg Keyboard is a standard PC keyboard designed specifically for use with the Bloomberg Terminal. It features a **BSAT (Bloomberg Secure Access Technology)** device for secure login to the Terminal. For more information about the Bloomberg Keyboard, refer to the keyboard documentation on our [Documentation](#) support website.

To use the Bloomberg Keyboard in a virtual desktop environment, the BSAT component must be passed through to the host machine. The audio and key matrix components typically do not require forwarding, as these are generally emulated by virtual desktop software.

The following tables show the Vendor ID and Product ID (VID:PID) pairs for the Bloomberg Keyboard 4 and Bloomberg Keyboard 5 associated with the BSAT device:

Bloomberg Keyboard 4



Bloomberg Keyboard 4

Device	VID	PID
Bloomberg Keyboard 4 - PC Port (when 2 USB cables are connected to the PC port and KVM port of the keyboard respectively) Note: Use this configuration to emulate the key matrix in virtual desktop.	1188	9535
Bloomberg Keyboard 4 - PC Port (when 1 USB cable is connected to the PC port of the keyboard)		9545

Bloomberg Keyboard 5



Bloomberg Keyboard 5

Device	VID	PID	
		First Hardware Version	Second Hardware Version
Bloomberg Secure Access Technology (BSAT)	1188	A101	A111
BSAT Updater		A401	A411
Key Matrix Updater Note: Forwarding this VID:PID can restore keyboard functionality if errors are encountered.		A601	A611

Note: There are several hardware variants of the Bloomberg Keyboard 5 that require two separate PIDs. All variants provide identical functionality. Recognizing all VID:PID pairs ensures compatibility with all variants of the Bloomberg Keyboard 5.

5. Additional Information

The following tables show all VID:PID pairs for the Bloomberg Keyboard 4 and Bloomberg Keyboard 5:

Bloomberg Keyboard 4

Device	VID	PID
Bloomberg Keyboard 4 - PC Port (when 1 USB cable is connected to the PC port of the keyboard)	1188	9545
Bloomberg Keyboard 4 - PC Port (when 2 USB cables are connected to the PC port and KVM port of the keyboard respectively)		9535
Bloomberg Keyboard 4 - KVM Port (when 2 USB cables are connected to the PC port and KVM port of the keyboard respectively)		9525

Bloomberg Keyboard 5

Device	VID	PID	
		First Hardware Version*	Second Hardware Version*
Bloomberg Secure Access Technology (BSAT)	1188	A101	A111
BSAT Updater		A401	A411
Key Matrix Updater		A601	A611
Audio Matrix		A301	A011
Key Matrix		A001	
USB Hub		A901	

Note: There are several hardware variants of the Bloomberg Keyboard 5 that require two separate PIDs. All variants provide identical functionality. Recognizing all VID:PID pairs ensures compatibility with all variants of the Bloomberg Keyboard 5.

Take the next step.

For additional information, press the <HELP> key twice on the Bloomberg Terminal®.

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