

Blackboard Learning System™ (Release 6)

Minimum Hardware Requirements

	Windows	Solaris	Red Hat Linux
Configuration I: Fewer than 3,000 Users	One Server Configuration	One Server Configuration	One Server Configuration
	Web/Application/Database Server	Web/Application/Database Server	Web/Application/Database Server
	2 Intel® Pentium® III 800MHz or greater processors	2 Sun® UltraSPARC® II 450 MHz processors	2 Intel® Pentium® III 800MHz or greater processors
	2 GB of RAM	2 GB of RAM	2 GB of RAM
	9 GB of available hard-disk space	9 GB of available hard-disk space	9 GB of available hard-disk space
	10/100 Network Interface Card	10/100 Network Interface Card	10/100 Network Interface Card
Configuration II: Greater than 3,000 but Fewer than 6,000 Users	One Server Configuration	One Server Configuration	One Server Configuration
	Web/Application/Database Server	Web/Application/Database Server	Web/Application/Database Server
	4 Intel® Pentium® III 700MHz or greater processors	4 Sun® UltraSPARC® II 450 MHz processors	4 Intel® Pentium® III 700MHz or greater processors
	4 GB of RAM	4 GB of RAM	4 GB of RAM
	27 GB of available hard-disk space in a RAID configuration	27 GB of available hard-disk space in a RAID configuration	27 GB of available hard-disk space in a RAID configuration
	10/100 Network Interface Card	10/100 Network Interface Card	10/100 Network Interface Card
Configuration III: Greater than 6,000 but Fewer than 12,000 Users	Two Server Configuration	Two Server Configuration	Two Server Configuration
	#1 - Web/Application Server	#1 - Web/Application Server	#1 - Web/Application Server
	4 Intel® Pentium® III 700MHz or greater processors	4 Sun® UltraSPARC® II 450 MHz processors	4 Intel® Pentium® III 700MHz or greater processors
	4 GB of RAM	4 GB of RAM	4 GB of RAM
	27 GB of available hard-disk space in a RAID configuration	27 GB of available hard-disk space in a RAID configuration	27 GB of available hard-disk space in a RAID configuration
	Two - 10/100 Network Interface Cards	Two - 10/100 Network Interface Cards	Two - 10/100 Network Interface Cards
	#2 - Database Server	#2 - Database Server	#2 - Database Server
	4 Intel® Pentium® III 700MHz or greater processors	4 Sun® UltraSPARC® II 450 MHz processors	4 Intel® Pentium® III 700MHz or greater processors
	4 GB of RAM	4 GB of RAM	4 GB of RAM
	27 GB of available hard-disk space in a RAID configuration	27 GB of available hard-disk space in a RAID configuration	27 GB of available hard-disk space in a RAID configuration
Two - 10/100 Network Interface Cards	Two - 10/100 Network Interface Cards	Two - 10/100 Network Interface Cards	

NOTES:

- 1 For all systems (production, test and development) Blackboard Product Support will require compliance with minimum hardware requirements for any service request that is deemed to be stability and/or performance related. If these minimum requirements are not met, the client will be required to bring their *Blackboard Learning System* into compliance before support assistance will resume.
- 2 Recommendations are based on the number of student users that have access to *Blackboard Learning System* during a given term (e.g., a semester, a quarter, etc.).
- 3 For installations of greater than 12,000 users and/or load balanced configurations, please consult the *Blackboard Learning System Setup Guide*.
- 4 These minimum requirements may be adjusted by Blackboard based on results of additional load testing.

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**For more information, please contact Blackboard at 1.800.424.9299
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www.blackboard.com**



Blackboard Learning System™ (Release 6)

System Software Requirements

	Windows	Solaris	Red Hat Linux	
Blackboard Learning and Community Portal System or Blackboard Learning System: One Server Configuration	Web/Application/Database Server	Web/Application/Database Server	Web/Application/Database Server	
	<u>Certified</u>	<u>Certified</u>	<u>Certified</u>	<u>Compatible</u>
	Microsoft® Windows® 2000 Server (SP3) <ul style="list-style-type: none"> ▪ Microsoft® SQL Server 2000 Standard Edition (SP2) <p style="text-align: center;">or</p> Microsoft® Windows® 2000 Advanced Server (SP3) <ul style="list-style-type: none"> ▪ SQL Server 2000 Enterprise Edition (SP2) 	Sun® Solaris™ 8 <ul style="list-style-type: none"> ▪ Oracle® Oracle8i version 8.1.7 	Red Hat® Linux® 7.2 <ul style="list-style-type: none"> ▪ Oracle® Oracle8i version 8.1.7 	N/A
Microsoft® Internet Information Server (IIS) 5 (not included)	Apache™ HTTP Server Version 1.3.26 (included)	Apache™ HTTP Server Version 1.3.26 (included)	N/A	
Blackboard Learning and Community Portal System or Blackboard Learning System: Two Server Configuration	#1 - Web/Application Server	#1 - Web/Application Server	#1 - Web/Application Server	
	<u>Certified</u>	<u>Certified</u>	<u>Certified</u>	<u>Compatible</u>
	Microsoft® Windows® 2000 Server (SP3) <p style="text-align: center;">or</p> Microsoft® Windows® 2000 Advanced Server (SP3)	Sun® Solaris™ 8	Red Hat® Linux® 7.2	N/A
	Microsoft® Internet Information Server (IIS) 5 (not included)	Apache™ HTTP Server Version 1.3.26 (included)	Apache™ HTTP Server Version 1.3.26 (included)	N/A
	#2 - Database Server	#2 - Database Server	#2 - Database Server	
	<u>Certified</u>	<u>Certified</u>	<u>Certified</u>	<u>Compatible</u>
Microsoft® Windows® 2000 Server (SP3) <ul style="list-style-type: none"> ▪ Microsoft® SQL Server 2000 Standard Edition (SP2) <p style="text-align: center;">or</p> Microsoft® Windows® 2000 Advanced Server (SP3) <ul style="list-style-type: none"> ▪ SQL Server 2000 Enterprise Edition (SP2) 	Sun® Solaris™ 8 <ul style="list-style-type: none"> ▪ Oracle® Oracle8i version 8.1.7 	Red Hat® Linux® 7.2 <ul style="list-style-type: none"> ▪ Oracle® Oracle8i version 8.1.7 	Red Hat® Linux® 6.2 <ul style="list-style-type: none"> ▪ Oracle® Oracle8i version 8.1.7 	

NOTES:

1 Blackboard now offers system software requirements for “Certified” and “Compatible” configurations. Blackboard recommends that clients adhere to the Certified system software configurations.

Those system software configurations identified as Certified have undergone a thorough set of tests conducted by Blackboard Quality Assurance and are 100% supported by Blackboard Product Support. Compatible system software configurations have undergone a limited engineering analysis and this designation indicates that Blackboard is not aware of any issues resulting from that configuration. When a client that is running on a Compatible configuration places a service request, Blackboard Product Support will troubleshoot the problem. However, if Blackboard determines that the problem is related to the system software configuration, the client will be required to move to a Certified configuration before support assistance will resume.

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