



# How to create new volumes in Windows XP

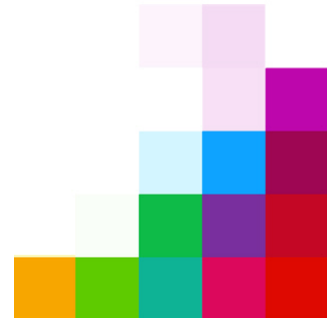


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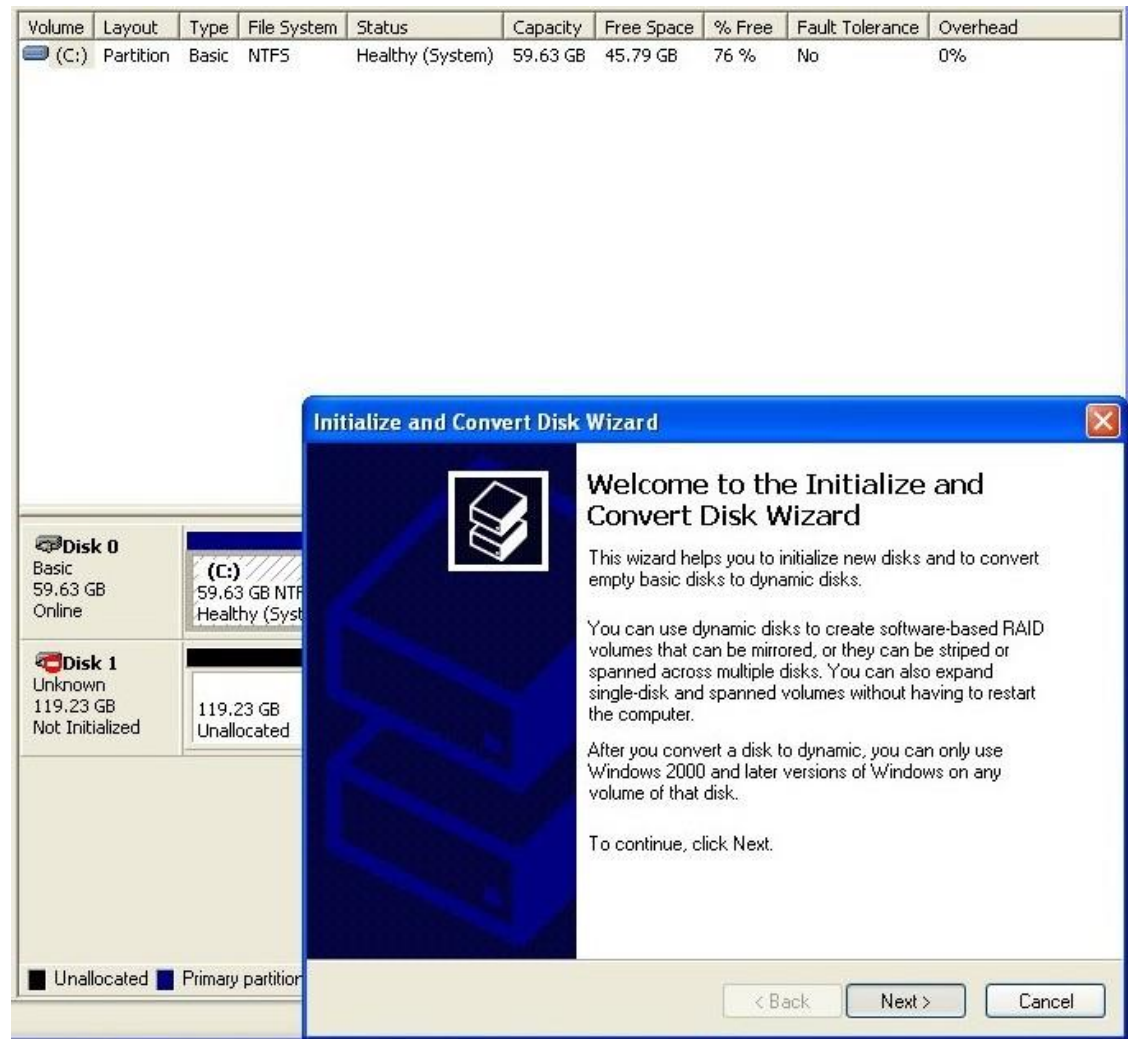
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# Create New Volume – Windows XP



# Create New Volume – Windows XP



# Create New Volume – Windows XP

Volume	Layout	Type	File System	Status	Capacity	Free Space	% Free	Fault Tolerance	Overhead
(C:)	Partition	Basic	NTFS	Healthy (System)	59.63 GB	45.79 GB	76 %	No	0%

Disk	Type	Capacity	Free Space	% Free	Status
Disk 0	Basic	59.63 GB	45.79 GB	76 %	Online
Disk 1	Unknown	119.23 GB	Unallocated		Not Initialized

**Initialize and Convert Disk Wizard**

**Select Disks to Initialize**  
You must initialize a disk before Logical Disk Manager can access it.

Select one or more disks to initialize.

Disks:

- Disk 1

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Volume	Layout	Type	File System	Status	Capacity	Free Space	% Free	Fault Tolerance	Overhead
(C:)	Partition	Basic	NTFS	Healthy (System)	59.63 GB	45.79 GB	76 %	No	0%

Disk	Type	Capacity	Free Space	% Free	Status
Disk 0	Basic	59.63 GB	45.79 GB	76 %	Online
Disk 1	Dynamic	119.24 GB	Unallocated		Online

**New Volume Wizard**

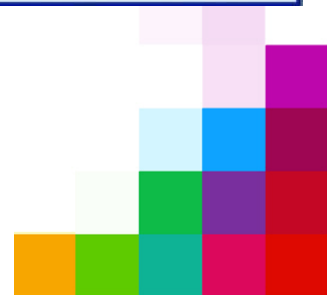
Welcome to the New Volume Wizard

This wizard helps you create volumes on dynamic disks.

A volume is a portion of one or more hard disk drives that is treated as a separate disk. You can format a volume with a file system. You gain access to a volume through a drive letter or mount point.

To continue, click Next.

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Volume	Layout	Type	File System	Status	Capacity	Free Space	% Free	Fault Tolerance	Overhead
(C:)	Partition	Basic	NTFS	Healthy (System)	59.63 GB	45.79 GB	76 %	No	0%

Volume	Layout	Type	File System	Status	Capacity	Free Space	% Free	Fault Tolerance	Overhead
(C:)	Partition	Basic	NTFS	Healthy (System)	59.63 GB	45.79 GB	76 %	No	0%

**Initialize and Convert Disk Wizard**

**Select Disks to Convert**  
The disks you select will be converted to dynamic disks.

Select one or more disks to convert:

Disks:

- Disk 1

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■ Unallocated   ■ Primary partition

Volume	Layout	Type	File System	Status	Capacity	Free Space	% Free	Fault Tolerance	Overhead
(C:)	Partition	Basic	NTFS	Healthy (System)	59.63 GB	45.79 GB	76 %	No	0%

Volume	Layout	Type	File System	Status	Capacity	Free Space	% Free	Fault Tolerance	Overhead
(C:)	Partition	Basic	NTFS	Healthy (System)	59.63 GB	45.79 GB	76 %	No	0%

**Disk 0**  
Basic  
59.63 GB  
Online

**(C:)**  
59.63 GB NTFS  
Healthy (System)

**Disk 1**  
Unknown  
119.23 GB  
Not Initialized

119.23 GB  
Unallocated

New Partition...  
Properties  
Help

■ Unallocated   ■ Primary partition






# Create New Volume – Windows XP

Volume	Layout	Type	File System	Status	Capacity	Free Space	% Free	Fault Tolerance	Overhead
(C:)	Partition	Basic	NTFS	Healthy (System)	59.63 GB	45.79 GB	76 %	No	0%

Disk	Type	Capacity	Free Space	% Free
Disk 0	Basic	59.63 GB	45.79 GB	76 %
Disk 1	Basic	119.23 GB	Unallocated	

### New Partition Wizard



**Welcome to the New Partition Wizard**

This wizard helps you create a partition on a basic disk.

A basic disk is a physical disk that contains primary partitions, extended partitions, and logical drives. You can use any version of Windows or MS-DOS to gain access to partitions on basic disks.

To continue, click Next.

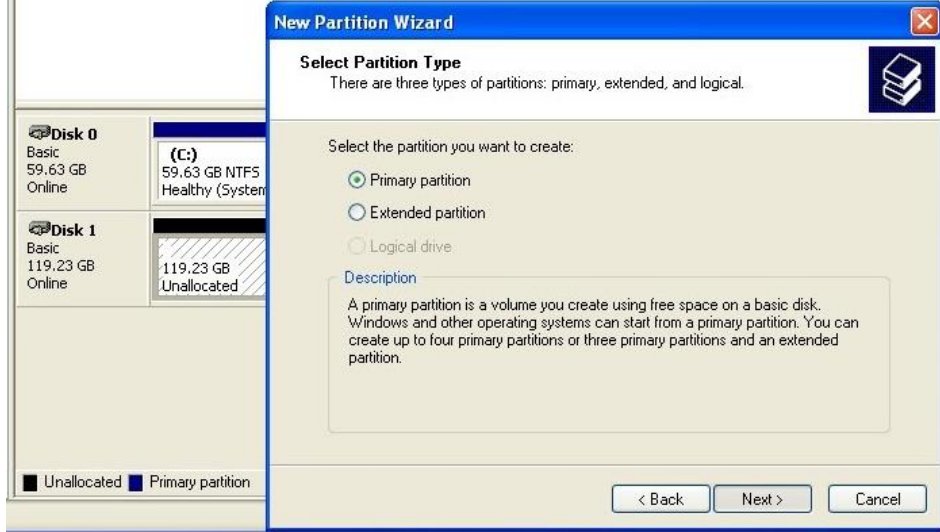
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Volume	Layout	Type	File System	Status	Capacity	Free Space	% Free	Fault Tolerance	Overhead
(C:)	Partition	Basic	NTFS	Healthy (System)	59.63 GB	45.79 GB	76 %	No	0%

Disk	Type	Capacity	Free Space	% Free
Disk 0	Basic	59.63 GB	45.79 GB	76 %
Disk 1	Basic	119.23 GB	Unallocated	

### New Partition Wizard



**Select Partition Type**

There are three types of partitions: primary, extended, and logical.

Select the partition you want to create:

- Primary partition
- Extended partition
- Logical drive

**Description**

A primary partition is a volume you create using free space on a basic disk. Windows and other operating systems can start from a primary partition. You can create up to four primary partitions or three primary partitions and an extended partition.

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# Create New Volume – Windows XP

Volume	Layout	Type	File System	Status	Capacity	Free Space	% Free	Fault Tolerance	Overhead
(C:)	Partition	Basic	NTFS	Healthy (System)	59.63 GB	45.79 GB	76 %	No	0%

Disk	Layout	Type	File System	Status	Capacity	Free Space	% Free	Fault Tolerance	Overhead
Disk 0	Basic	59.63 GB	NTFS	Healthy (System)	59.63 GB	45.79 GB	76 %	No	0%
Disk 1	Basic	119.23 GB	Unallocated		119.23 GB				

**New Partition Wizard**

**Specify Partition Size**  
Choose a partition size that is between the maximum and minimum sizes.

Maximum disk space in megabytes (MB): 122096

Minimum disk space in MB: 8

Partition size in MB:

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Volume	Layout	Type	File System	Status	Capacity	Free Space	% Free	Fault Tolerance	Overhead
(C:)	Partition	Basic	NTFS	Healthy (System)	59.63 GB	45.79 GB	76 %	No	0%

Disk	Layout	Type	File System	Status	Capacity	Free Space	% Free	Fault Tolerance	Overhead
Disk 0	Basic	59.63 GB	NTFS	Healthy (System)	59.63 GB	45.79 GB	76 %	No	0%
Disk 1	Basic	119.23 GB	Unallocated		119.23 GB				

**New Partition Wizard**

**Assign Drive Letter or Path**  
For easier access, you can assign a drive letter or drive path to your partition.

Assign the following drive letter:

Mount in the following empty NTFS folder:  
  

Do not assign a drive letter or drive path

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# Create New Volume – Windows XP

The screenshot shows the Disk Management console with a table of volumes and a 'New Partition Wizard' dialog box open. The wizard is at the 'Format Partition' step.

Volume	Layout	Type	File System	Status	Capacity	Free Space	% Free	Fault Tolerance	Overhead
(C:)	Partition	Basic	NTFS	Healthy (System)	59.63 GB	45.79 GB	76 %	No	0%

**New Partition Wizard**

**Format Partition**  
To store data on this partition, you must format it first.

Choose whether you want to format this partition, and if so, what settings you want to use.

Do not format this partition

Format this partition with the following settings:

File system:

Allocation unit size:

Volume label:

Perform a quick format

Enable file and folder compression

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The screenshot shows the Disk Management console with the 'New Partition Wizard' dialog box at the 'Completing the New Partition Wizard' step.

Volume	Layout	Type	File System	Status	Capacity	Free Space	% Free	Fault Tolerance	Overhead
(C:)	Partition	Basic	NTFS	Healthy (System)	59.63 GB	45.79 GB	76 %	No	0%

**New Partition Wizard**

**Completing the New Partition Wizard**

You have successfully completed the New Partition Wizard.

You selected the following settings:

- Partition type: Primary partition
- Disk selected: Disk 1
- Partition size: 122096 MB
- Drive letter or path: D:
- File system: NTFS
- Allocation unit size: Default
- Volume label: New Volume
- Quick format: Yes

To close this wizard, click Finish.

< Back   Finish   Cancel



# Create New Volume – Windows XP

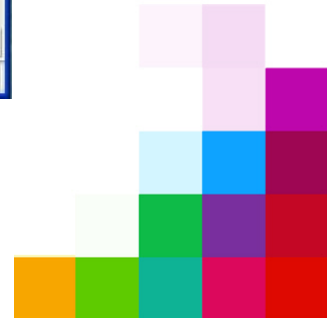
The screenshot shows the Windows XP Computer Management console. The left pane shows the tree view with 'Storage' expanded to 'Disk Management'. The main pane displays a table of volumes and a detailed view of two disks.

Volume	Layout	Type	File System	Status	Capacity	Free Space	% Free	Fault Tolerance	Overhead
(C:)	Partition	Basic	NTFS	Healthy (System)	59.63 GB	45.79 GB	76 %	No	0%
N...	Partition	Basic	NTFS	Healthy	119.2...	119.17 GB	99 %	No	0%

Disk	Volume	Capacity	File System	Status
Disk 0	(C:)	59.63 GB	NTFS	Healthy (System)
Disk 1	New Volume (D:)	119.23 GB	NTFS	Healthy

Legend: ■ Primary partition



THANK YOU

