



# **User Manual**



Rev. 1.00 – December 18, 2018



Date	Version	Changes
December 18, 2018	1.00	Initial release





Integration Corp.

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2 RAID 10 SETUP IN WINDOWS 10	. 8







# RAID 5 Setup in Windows 10

At least three drives are required to create a RAID 5 disk array.



📅 Disk Managem	ent						-	×
File Action Vie	ew Help							
🔶 🏟 🛛 📰 🛛 🔽								
Volume	Layout	Туре	File System	Status	Capacity	Free Spa	% Free	
💻 (C:)	Simple	Basic	NTFS	Healthy (B	14.42 GB	2.63 GB	18 %	
- System Reserved	I Simple	Basic	NTFS	Healthy (S	500 MB	172 MB	34 %	
- Disk 0								<b>^</b>
Basic								
3725.90 GB Online	3725.90 GB							
onnie	Unanocated							
-								
Basic								
3725.90 GB	3725.90 GB							
Online	Unallocated							
	1							
- Disk 2								
3725.90 GB	3725.90 GB							
Online	Unallocated							
- Disk 3								
Basic 2725 00 GP	3735 00 CD							
Online	Unallocated							
= Disk 4								
Basic	System Reserved	ł	(C:)					
14.91 GB Online	500 MB NTFS	Active Dr	14.42 GB NTFS	an File Crach (	Duman Drin			
onnic	Healthy (System,	ACTIVE, PI	Healthy (DOOL, Pa	ige rile, Crash i	Dump, Prin			
		P						~
Unallocated	Primary partition							

Follow the steps below to setup RAID 5 in Windows 10:

Step 1: Start "Storage Spaces" from "Control Panel".







**Step 2:** Click "Create a new pool and storage space".

**Step 3:** Select three drives and click "Create pool".

Create a storage pool	I					a.—.a	×
← → • ↑ 🖁 «	System and Securit	y → Storage Spaces → Cr	reate a storage pool	5 ∨	Search Contro	ol Panel	P
5	Select drives to	create a storage pool					
_	Unformatted	drives			$\odot$		
	-	ST4000VN008-2DR166 Attached via SATA 3.63 TB	Disk 3				
		ST4000VN008-2DR166 Attached via SATA 3.63 TB	Disk 0				
		ST4000VN008-2DR166 Attached via SATA 3.63 TB	Disk 2				
		ST4000VN008-2DR166 Attached via SATA 3.63 TB	Disk 1				
L							
				Create pool	Cancel		

- **Step 4:** Select "Parity" for "Resiliency type".
- **Step 5:** Label the new storage space as something like RAID5.
- Step 6: Click "Create storage space".

$\rightarrow$ Y T 1	🗧 « System and Security > Stora	ge Spaces → Crea	te a storage space	ٽ v	Search Contr	rol Panel	
	Enter a name, resiliency	type, and size	for the storage spa	се			
	Name and drive letter					2	
	Name:	RAID5					
	Drive letter:	D: ~					
	File system:	NTFS $ \sim $					
	Resiliency					2	
	Resiliency type:	Parity	~				
	<ul> <li>A parity storage space writ drive failure. A parity stora</li> <li>Size</li> </ul>	tes your data with ge space requires	parity information, helpir at least three drives.	ng to protect you fr	rom a single	_	
	Total pool capacity:	10.9	ТВ				
	Available pool capacity:	10.9	тв				
	Size (maximum):	7.27	TB 🗸				
	Including resiliency:	10.9	ТВ				
	<ol> <li>A storage space can be lar</li> </ol>	ger than the amou	int of available capacity in ore drives.	n the storage pool.	When you run		
	low on capacity in the poo	n, you can add me					

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#### RAID 5 and RAID 10 Setup in Windows 10

**Step 7:** The result after successful creation of storage space RAID 5 will be shown.

→ * ↑ 🗄 > Control Par	el > System and Se	curity > Storage Spaces	ٽ ~	Search Control Panel
ontrol Panel Home	Manage Stora	ge Spaces		
eate a new pool and storage ace	Use Storage Space drive failure. Stora capacity. If you do	es to save files to two or more d ge Spaces also lets you easily a n't see task links, click Change	lrives to help protect you fro dd more drives if you run lo settings.	om a ow on Change settings
	Storage	pool		ок 🔗
	Using 4.25 GB c	of 10.9 TB pool capacity		Create a storage space Add drives Rename pool Optimize drive usage
	✓ Storage sp	paces		
	~	RAID5 (D:) Parity 7.26 TB Using 3.00 GB pool capacity	🕢 ок	View files Change Delete
	✓ Physical c	drives		
	~	ST4000VN008-2DR166 SN: ZDH1NYDL Attached via SATA 0.04 % used Providing 3.63 TB pool capacity	💿 ок	Rename
	Ŷ	ST4000VN008-2DR166 SN: ZGY053E5 Attached via SATA 0.05 % used Providing 3.63 TB pool capacity	🕑 ок	Rename
e also	~	ST4000VN008-2DR166 SN: ZGV04AL5 Attached via SATA 0.05 % used Providing 3.63 TB pool capacity	🕑 ок	Rename



📅 Disk Managen	nent						-	×
File Action V	iew Help							
🗢 🔿   📰   🙎	🗖 🖉 🖛 🗙 🛛	2 🔒 🔎	5					
Volume	Layout	Туре	File System	Status	Capacity	Free Spa	% Free	
📼 (C:)	Simple	Basic	NTFS	Healthy (B	14.42 GB	2.63 GB	18 %	
RAID5 (D:)	Simple	Basic	NTFS	Healthy (P	7444.37 GB	7443.97	100 %	
📼 System Reserve	d Simple	Basic	NTFS	Healthy (S	500 MB	172 MB	34 %	
	i.							
<b>Disk 3</b> Basic 3725.90 GB Online	3725.90 GB Unallocated							
<b>— Disk 4</b> Basic 14.91 GB Online	System Reserv 500 MB NTFS Healthy (System	r <b>ed</b> n, Active, P	<b>(C:)</b> 14.42 GB NTFS Healthy (Boot, P	age File, Crash I	Dump, Prir			
<b>Disk 5</b> Basic 7444.38 GB Online	( <b>RAID5 (D:)</b> 7444.37 GB NTF Healthy (Primar	S ry Partition)						
Unallocated	Primary partition							

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# RAID 10 Setup in Windows 10

At least four drives are required to create a RAID 10 disk array.



📅 Disk Managem	ient						-		×
File Action Vi	ew Help								
🌩 🖬 🛛									
Volume	Layout	Туре	File System	Status	Capacity	Free Spa	% Free		
- (C:) System Reserved	Simple J Simple	Basic Basic	NTFS NTFS	Healthy (B Healthy (S	14.42 GB 500 MB	2.63 GB 172 MB	18 % 34 %		
<b>Disk 0</b> Basic 3725.90 GB Online	3725.90 GB Unallocated								
<b>Disk 1</b> Basic 3725.90 GB Online	3725.90 GB Unallocated								
Disk 2 Basic 3725.90 GB Online	3725.90 GB Unallocated								
<b>Disk 3</b> Basic 3725.90 GB Online	3725.90 GB Unallocated								
<b>Disk 4</b> Basic 14.91 GB Online	<b>System Reserve</b> 500 MB NTFS Healthy (System	e <b>d</b> , Active, Pı	<b>(C:)</b> 14.42 GB NTFS Healthy (Boot, F	Page File, Crash	Dump, Prin				
Unallocated	Primary partition							1	~

Follow the steps below to setup RAID 10 in Windows 10:

Step 1: Start "Storage Spaces" from "Control Panel".





**Step 2:** Click "Create a new pool and storage space".

**Step 3:** Select two drives and click "Create pool" for the first RADI 1 (mirror):

Create a storage pool					×
← → × ↑ 🛢 « Storage Space	ces > Create a storage poo	1	✓ ♂ Search Contr	ol Panel	P
Select drives to	create a storage pool				
Unformatted	drives			$\odot$	
	ST4000VN008-2DR166 Attached via SATA 3.63 TB	Disk 3			
	ST4000VN008-2DR166 Attached via SATA 3.63 TB	Disk 0			
□ 🥪	ST4000VN008-2DR166 Attached via SATA 3.63 TB	Disk 2			
	ST4000VN008-2DR166 Attached via SATA 3.63 TB	Disk 1			
			Create pool Can	cel	

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- **Step 4:** Select "Two-way mirror" for "Resiliency type".
- **Step 5:** Label the new storage space as something like Mirror1 so you can find it later.
- **Step 6:** Click "Create storage space".

Create a storage space					— C	x c
$\leftarrow$ $\rightarrow$ $\checkmark$ $\uparrow$ $\blacksquare$ « Storage Spaces $\Rightarrow$ Crea	te a storage space		√ Ū	Search Contro	l Panel	م
Enter a name, resiliency	type, and size fo	or the storage s	pace			
Name and drive letter						
Name:	Mirror1					
Drive letter:	D: ~					
File system:	NTFS $\sim$					
Resiliency						
Resiliency type:	Two-way mirror	r ) ~				
A two-way mirror storage drive failure. A two-way m	space writes two cop irror storage space re	pies of your data, he equires at least two o	lping to protect drives.	you from a singl	e	
Size						
Total pool capacity:	7.27	ТВ				
Available pool capacity:	7.27	ТВ				
Size (maximum):	3.63	TB ~				
Including resiliency:	7.25	ТВ				
i A storage space can be lar low on capacity in the poo	ger than the amount I, you can add more	t of available capacit drives.	y in the storage	pool. When you	run	
		C	reate storage spa	ce Canc	el	



**Step 7:** The result after successful creation of storage space Mirror1 will be shown:

Storage Spaces		- 🗆 X
← → ∽ ↑ 🗄 > Control Pan	el > System and Security > Storage Spaces 🗸 🗸	Search Control Panel
Control Panel Home	Manage Storage Spaces	
Create a new pool and storage space	Use Storage Spaces to save files to two or more drives to help pro a drive failure. Storage Spaces also lets you easily add more drives low on capacity. If you don't see task links, click Change settings.	tect you from s if you run Change settings
	Storage pool	ок 🔗
	Using 3.00 GB of 7.27 TB pool capacity	Create a storage space Add drives Rename pool Optimize drive usage
	✓ Storage spaces	
	Mirror1 (D:) Two-way mirror 3.62 TB Using 2.00 GB pool capacity	View files Change Delete
	Physical drives	
	ST4000VN008-2DR166 OK SN: ZDH1NYDL Attached via SATA 0.05 % used Providing 3.63 TB pool capacity	Rename
See also	ST4000VN008-2DR166 OK SN: ZGY04AL5 Attached via SATA 0.05 % used Providing 3.63 TB pool capacity	Rename
File History		
BitLocker Drive Encryption		

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## RAID 5 and RAID 10 Setup in Windows 10

**Step 8:** Now click "Create a new pool and storage space" to create the second RAID 1:

<ul> <li>← → · ↑</li></ul>	tem and Security → Storage Spaces Ige Storage Spaces prage Spaces to save files to two or more drives to hel	v ♂ Search Control Panel >
Control Panel Home Mana Create a new pool and storage space Use Sto drive fa capacit Usin	nge Storage Spaces prage Spaces to save files to two or more drives to hel	
Create a new pool and storage space	prage Spaces to save files to two or more drives to hel	
Usin	mure, scorage spaces also lets you easily add more di y, If you don't see task links, click Change settings.	p protect you from a rives if you run low on Change settings
Usin	Pool1	ок 💮
~	g 3.00 GB of 7.27 TB pool capacity	Create a storage space Add drives Rename pool Optimize drive usage
	Storage spaces	
	Mirror1 (D:) Two-way mirror 3.62 TB Using 2.00 GB pool capacity	View files Change Delete
*	Physical drives	
	ST4000VN008-2DR166 SN: ZDH1NYDL Attached via SATA 0.05 % used Providing 3.63 TB pool capacity	Rename
See also	ST4000VN008-2DR166 SN: ZGV04AL5 Attached via SATA 0.05 % used Providing 3.63 TB pool canacity	Rename
File History	copucity	



**Step 9:** Repeat the steps with the remaining two drives to create Mirror2:

Create a storage pool						
> × 🛧 🛢 « System ar	nd Security > Storage Spaces > Create a storage pool	ٽ ~	Search Contr	ol Panel		
Select dr	ives to create a storage pool					
Select un	ives to create a storage poor			-		
Unform	natted drives		$\bigcirc$			
	Attached via SATA 3.63 TB					
	ST4000VN008-2DR166 Disk 2					
	Attached via SATA 3.63 TB					
		Create pool	Cancel	]		
						_
Storage Spaces			-	- C	]	×
- → · ↑ 👌 > Control Pa	nel > System and Security > Storage Spaces	v Ö S	Search Control P	anel	,	ρ
Control Panel Home	Manage Storage Spaces					-
Create a new pool and storage	Use Storage Spaces to save files to two or more drives to	help protect you from a				
space	drive failure. Storage Spaces also lets you easily add mor	e drives if you run low or	n Char			
	capacity. If you don't see task links, click Change setting	5.	Char	nge setting	gs	
	Pool1			ок 🔗	)	
	Pool1		Create a sto	OK 🙆	)	
	Pool1 Using 3.00 GB of 7.27 TB pool capacity		Create a sto space	OK 🙆	)	
	Pool1 Using 3.00 GB of 7.27 TB pool capacity		Create a sto space Add drives Rename po	OK 🔿 orage	)	
	Pool1 Using 3.00 GB of 7.27 TB pool capacity		Create a sto space Add drives Rename po Optimize d	OK 🔿 prage pol rive usage	)	
	Pool1 Using 3.00 GB of 7.27 TB pool capacity Storage spaces		Create a sto space Add drives Rename po Optimize d	OK orage ool rive usage		
	Pool1 Using 3.00 GB of 7.27 TB pool capacity Storage spaces		Create a sto space Add drives Rename po Optimize d	OK C orage ol rive usage		
	Pool1 Using 3.00 GB of 7.27 TB pool capacity  Storage spaces Mirror1 (D:) Vorume mirror	к	Create a sto space Add drives Rename po Optimize d View files Change	OK 🔗		
	Pool1         Using 3.00 GB of 7.27 TB pool capacity         ✓ Storage spaces         Mirror1 (D:) Two-way mirror 3.62 TB	К	Create a sto space Add drives Rename po Optimize d View files Change Delete	OK 🦳		
	Pool1         Using 3.00 GB of 7.27 TB pool capacity         Storage spaces         Mirror1 (D:)         Two-way mirror         3.62 TB         Using 2.00 GB pool capacity	К	Create a sto space Add drives Rename po Optimize d View files Change Delete	OK (A) prage nol rive usage		
	Pool1         Using 3.00 GB of 7.27 TB pool capacity         Storage spaces         Mirror1 (D:) Two-way mirror 3.62 TB Using 2.00 GB pool capacity         Physical drives	Ж	Create a sto space Add drives Rename po Optimize d Optimize d View files Change Delete	OK orage ol rive usage		
	Pool1         Using 3.00 GB of 7.27 TB pool capacity         Storage spaces         Storage spaces         Image: Storage space s	К	Create a sto space Add drives Rename po Optimize d View files Change Delete	OK (A) prage nol rive usage		
	Pool1         Using 3.00 GB of 7.27 TB pool capacity         ✓ Storage spaces         Mirror1 (D:) Two-way mirror 3.62 TB Using 2.00 GB pool capacity         ✓ Physical drives	K	Create a sto space Add drives Rename po Optimize d View files Change Delete	OK (A) prage nol rive usage		
	Pool1         Using 3.00 GB of 7.27 TB pool capacity         Storage spaces         Mirror1 (D:) Two-way mirror 3.62 TB Using 2.00 GB pool capacity         Physical drives	K	Create a sto space Add drives Rename po Optimize d View files Change Delete	OK Orage		
	Pool1         Using 3.00 GB of 7.27 TB pool capacity         Storage spaces         Mirror1 (D:) Two-way mirror 3.62 TB Using 2.00 GB pool capacity         Physical drives         Pool2         Using 3.00 GB of 7.27 TB pool capacity	K	Create a sto space Add drives Rename po Optimize d View files Change Delete Create a sto space Add drives	OK Orage		
	Pool1         Using 3.00 GB of 7.27 TB pool capacity         Storage spaces         Mirror1 (D:) Two-way mirror 3.62 TB Using 2.00 GB pool capacity         Physical drives	K	Create a sto space Add drives Rename po Optimize d View files Change Delete Create a sto space Add drives Rename po	OK prage ol rive usage OK prage prage		
	Pool1         Using 3.00 GB of 7.27 TB pool capacity         Storage spaces         Mirror1 (D:) Two-way mirror 3.62 TB Using 2.00 GB pool capacity         Physical drives	K	Create a sto space Add drives Rename po Optimize d View files Change Delete Create a sto space Add drives Rename po Optimize d	OK Orage		
	Pool1         Using 3.00 GB of 7.27 TB pool capacity         Storage spaces         Image: Space spac	K	Create a sto space Add drives Rename po Optimize d View files Change Delete Create a sto space Add drives Rename po Optimize d	OK Orage		
	Pool1         Using 3.00 GB of 7.27 TB pool capacity         Storage spaces         Mirror1 (D:) Two-way mirror 3.62 TB Using 2.00 GB pool capacity         Physical drives         Pool2         Using 3.00 GB of 7.27 TB pool capacity         Storage spaces	K	Create a sto space Add drives Rename po Optimize d View files Change Delete Create a sto space Add drives Rename po Optimize d	OK Orage		
	Pool1         Using 3.00 GB of 7.27 TB pool capacity            ✓ Storage spaces             ✓ Mirror1 (D:) ✓ Morror 3.62 TB Using 2.00 GB pool capacity             ✓ Physical drives             Pool2             Using 3.00 GB of 7.27 TB pool capacity             ✓ Storage spaces             Wirror2 (E:)	К	Create a sto space Add drives Rename po Optimize d View files Change Delete Create a sto space Add drives Rename po Optimize d	OK prage iol rive usage OK prage iol rive usage		
	Pool1         Using 3.00 GB of 7.27 TB pool capacity            ✓ Storage spaces             ✓ Mirror1 (D:) ✓ Yow-way mirror 3.62 TB Using 2.00 GB pool capacity             Physical drives             Pool2             Using 3.00 GB of 7.27 TB pool capacity             Ving 3.00 GB of 7.27 TB pool capacity             Vsing 3.00 GB of 7.27 TB pool capacity             Vsing 3.00 GB of 7.27 TB pool capacity             Vsing 3.00 GB of 7.27 TB pool capacity	К	Create a sto space Add drives Rename po Optimize d View files Change Delete Create a sto space Add drives Rename po Optimize d View files Change Delete	OK prage iol rive usage OK prage iol rive usage		
	Pool1         Using 3.00 GB of 7.27 TB pool capacity         Storage spaces         Mirror1 (D:)         Worway mirror         3.62 TB         Using 2.00 GB pool capacity         Physical drives         Pool2         Using 3.00 GB of 7.27 TB pool capacity         Storage spaces         Mirror2 (E)         Two-way mirror         3.62 TB         Using 3.00 GB of 7.27 TB pool capacity	К	Create a sto space Add drives Rename po Optimize d View files Change Delete Create a sto space Add drives Rename po Optimize d View files Change Delete	OK prage iol rive usage OK prage iol rive usage		
	Pool1         Using 3.00 GB of 7.27 TB pool capacity         Storage spaces         Mirror1 (D:)         Worway mirror         3.62 TB         Using 2.00 GB pool capacity         Physical drives         Pool2         Using 3.00 GB of 7.27 TB pool capacity         Storage spaces         Mirror2 (E)         Two-way mirror         3.62 TB         Using 3.00 GB of 7.27 TB pool capacity	К	Create a sto space Add drives Rename po Optimize d View files Change Delete Create a sto space Add drives Rename po Optimize d View files Change Delete	OK prage iol rive usage OK prage iol rive usage		
See also	Pool1         Using 3.00 GB of 7.27 TB pool capacity         Storage spaces         Mirror1 (D:)         Worway mirror         3.62 TB         Using 2.00 GB pool capacity         Physical drives         Pool2         Using 3.00 GB of 7.27 TB pool capacity         Storage spaces         Mirror2 (E)         Two-way mirror         3.62 TB         Using 3.00 GB of 7.27 TB pool capacity         Storage spaces         Mirror2 (E)         Two-way mirror         3.62 TB         Using 2.00 GB pool capacity         > Physical drives	К	Create a sto space Add drives Rename po Optimize d View files Change Delete Create a sto space Add drives Rename po Optimize d View files Change Delete	OK Orage		

**Step 10:** To combine these two RAID 1 arrays (Mirror1 & Mirror2) into a RAID 0 array, we use Windows Disk Management. Start Disk Management:

📅 Disk Managem	ient						-	×
File Action Vi	ew Help							
🗢 🄿 🗖 🛛								
Volume	Layout	Туре	File System	Status	Capacity	Free Spa	% Free	
📼 (C:)	Simple	Basic	NTFS	Healthy (B	14.42 GB	2.63 GB	18 %	
- Mirror1 (D:)	Simple	Basic	NTFS	Healthy (P	3717.12 GB	3716.83	100 %	
- Mirror2 (E:)	Simple	Basic	NTFS	Healthy (P	3717.12 GB	3716.83	100 %	
📼 System Reserved	d Simple	Basic	NTFS	Healthy (S	500 MB	172 MB	34 %	
= Disk 4								
Basic	System Reserve	d	(C:)					
14.91 GB	500 MB NTFS		14.42 GB NTFS					
Online	Healthy (System,	Active, Pri	Healthy (Boot, F	Page File, Crash	Dump, Prima			
	1							
Dick 5								
Basic	Mirror1 (D:)							_
3717.13 GB	3717.12 GB NTFS							
Online	Healthy (Primary	Partition)						
- Disk 6								_
Basic 2717 12 CP	Mirror2 (E:)							
Online	3/17.12 GB NTFS	Partition)						
	ricality (Filling	Fartitiony						
	1							 
	D							
	Primary partition							

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**Step 11:** Delete the file systems on each disk.

**Step 12:** Right click on Mirror1 and select "Delete Volume".

📅 Disk Managem	ient								×
File Action Vi	ew Help								
🗢 🄿 🗖 🛛	<b>F ×</b>	2 🔒 😼 🗉							
Volume	Layout	Туре	File System	Status	Capacity	Free Spa	% Free		
💳 (C:)	Simple	Basic	NTFS	Healthy (B	14.42 GB	2.63 GB	18 %		
- Mirror1 (D:)	Simple	Basic	NTFS	Healthy (P	3717.12 GB	3716.83	100 %		
🛲 Mirror2 (E:)	Simple	Basic	NTFS	Healthy (P	3717.12 GB	3716.83	100 %		
System Reserved	d Simple	Basic	NTFS	Healthy (S	500 MB	172 MB	34 %		
- 014									
Basic	Sustam Pasan	ad	(C)						
14.91 GB	500 MB NTES	eu	14.42 GB NTES						
Online	Healthy (System	n, Active, Pri	Healthy (Boot, P	age File, Crash	Dump, Prima				
				-					
- Disk 5									
Basic	Mirror1 (D:)								
Online	3717.12 GB NTF	S ///////			0				
onnic	Healthy (Primar	y Partition)			Open				
					Explore			E	
- Disk 6					Mark Partit	ion as Active			
Basic	Mirror2 (E:)				Change Dri	un lattar and	Daths		
3717.13 GB	3717.12 GB NTF	S			change Dh	ve Letter and	Patris		
Online	Healthy (Primar	y Partition)			Format				
					Extend Volu	ime			
					Shrink Volu	me		F	
					SHITIK VOIU	inc			
					Add Mirror				
Unallocated	Primary partition				Delete Volu	me			
					Properties				
					Help				

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Step 13: Delete Mirror1:

📅 Disk Managem	ent						1.00		×
File Action Vie	ew Help								
	🖬 🗩 🗙 🗹	🔒 🔎 🗵	]						
Volume	Layout	Туре	File System	Status	Capacity	Free Spa	% Free		
🚍 (C:)	Simple	Basic	NTFS	Healthy (B	14.42 GB	2.63 GB	18 %		
- Mirror2 (E:)	Simple	Basic	NTFS	Healthy (P	3717.12 GB	3716.83	100 %		
System Reserved	I Simple	Basic	NTFS	Healthy (S	500 MB	172 MB	34 %		
= Disk 4									
Basic	System Reserved	ł	(C:)						
14.91 GB	500 MB NTFS		14.42 GB NTFS						
Unline	Healthy (System,	Active, Pri	Healthy (Boot, P	age File, Crash	Dump, Prima				
	1								
= Disk 5									
Basic									
3717.13 GB	3717.12 GB								
Unine	Unallocated								
- Disk 6									
Basic	Mirror2 (E:)								
3717.13 GB	3717.12 GB NTFS	D							
Onine	Healthy (Primary)	Partition)							
	1								
	Primary partition								
Shanocated								1	





📅 Disk Managem	ent						_		×
File Action Vie	ew Help								
In Internet in Int	<b>F</b> 🔎 🖾								
Volume	Layout	Туре	File System	Status	Capacity	Free Spa	% Free		
🕳 (C:)	Simple	Basic	NTFS	Healthy (B	14.42 GB	2.63 GB	18 %		
- System Reserved	d Simple	Basic	NTFS	Healthy (S	500 MB	172 MB	34 %		
= Disk 4									
Basic	System Reserved	d	(C:)						
14.91 GB Opline	500 MB NTFS	Antina Dai	14.42 GB NTFS		Dumm Drimer				
Onine	Healthy (System,	Active, Pri	Healthy (boot, P	age File, Crash	Dump, Prima				
	1								
Disk 5									
3717.13 GB	3717.12 GB								
Online	Unallocated								
= Disk 6									
Basic									
Online	3/1/.12 GB Unallocated								
	D.i								
	Primary partition							1	



Step 15: Right click on either one of RAID 1 disk and select "New Stripped Volume"

Pick Managem	ent						_	п	×
	ient						1.000		^
File Action Vi	ew Help								
🗢 🔶 🖬 🛛	<b>F</b> 🦻 🖉 🛙								
Volume	Layout	Туре	File System	Status	Capacity	Free Spa	% Free		
💳 (C:)	Simple	Basic	NTFS	Healthy (B	14.42 GB	2.63 GB	18 %		
📼 System Reserved	d Simple	Basic	NTFS	Healthy (S	500 MB	172 MB	34 %		
= Disk 4									
Basic	System Reserv	ed	(C:)						
14.91 GB	500 MB NTFS		14.42 GB NTFS						
Online	Healthy (System	, Active, Pri	Healthy (Boot,	Page File, Crash	Dump, Prima				
			1						
- Disk 5									
Basic									
Online	3/1/.12 GB								
						New Simple Volu	ume	K	
						New Spanned Vo	olume	Ĕ	
- Disk 6					1	New Striped Volu	ume		_
Basic 3717 13 GB	2717 12 CP				n	New Mirrored Vo	olume		
Online	Unallocated				1	New RAID-5 Volu	ume		
					F	Properties			
					ŀ	Help			
Unallocated	Primary partition								



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## RAID 5 and RAID 10 Setup in Windows 10

📅 Disk Mana	gement						— [	) X
File Action	View Help							
	2 🖬 🗭 🗹 🗵	]						
Volume	Layout	Туре	File System	Status	Capacity	Free Spa	% Free	
💻 (C:)	Simple	Basic	NTES	Healthy (B	14.42 GB	2.63 GB	18 %	12.8
📟 System Res	New Striped Volume					×	34 %	
<b>— Disk 4</b> Basic 14.91 GB Online			Welcome to Wizard This wizard helps you A striped volume store striped volume gives y simple or spanned vol	the New S create striped vo s data in stripes ou faster access ume.	Striped Vol Jumes on disks. on two or more dia to your data thar	lume		
<b>Disk 5</b> Basic 3717.13 GB Online			To continue, click Ne	d.				
<b>Disk 6</b> Basic 3717.13 GB Online								
		_		< Back	Vext >	Cancel		
Unallocated	Primary partition							

🖶 Disk Manager	ment						— [	⊐ ×
File Action V	íew Help							
🔶 🏟 🔤 🛛	) 🖬 🗩 🗹 🛛	Ē						
Volume	Layout	Туре	File System	Status	Capacity	Free Spa	% Free	
🚍 (C:)	Simple	Basic	NTFS	Healthy (B	14.42 GB	2.63 GB	18 %	
- System Reserve	ed Simple	Basic	NTFS	Healthy (S	500 MB	172 MB	34 %	
	New Striped Volu Select Disks	ime				×		
- Disk 4 Basic 14.91 GB	You can se Select the o	elect the disks disks you wan	and set the disk siz t to use, and then c	e for this volume. lick Add.				
Disk 5	Available: Disk 6 38	306333 MB		Selec	sted: 5 3806333 MB	В		
Basic 3717.13 GB Online			Add < Remo	> ove ve All				
<b>Disk 6</b> Basic	Total volum	e size in mega	bytes (MB):	3806	333			
3717.13 GB	Maximum av	vailable space	in MB:	3806	333			
Online	Select the a	mount of space	ce in MB:	380	5333	•		
	Dimensionalities			< Back	Next >	Cancel		
	Primary partition							



न Disk Managen	nent						- 🗆 X
File Action V	iew Help	10.1					
	Fi 🗩 🗹 🖸						
Volume	Layout	Туре	File System	Status	Capacity	Free Spa	% Free
🚍 (C:)	Simple	Basic	NTFS	Healthy (B	14.42 GB	2.63 GB	18 %
- System Reserve	d Simple	Basic	NTFS	Healthy (S	500 MB	172 MB	34 %
	New Striped Volu Assign Drive	me L <b>etter or Pat</b>	h			×	
<b>— Disk 4</b> Basic 14.91 GB Online	For easier a	ccess, you car	i assign a drive lett	er or drive path to	) your volume.		
<b>— Disk 5</b> Basic 3717.13 GB Online	<ul> <li>Assign the Assign th</li></ul>	the following driv the following e ssign a drive le	ve letter: empty NTFS folder: tter or drive path	D Browse	<ul> <li>✓</li> </ul>		
<b>Disk 6</b> Basic 3717.13 GB Online							
Unallocated	Primary partition			< Back	Next >	Cancel	

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**Step 16:** Assign a volume label, for example RAID10.

Disk Manager     File Action V	ment /iew Help						_	×
	1 🖬   🗩 🗹 🗉							
Volume	Layout	Туре	File System	Status	Capacity	Free Spa	% Free	
🕳 (C:)	Simple	Basic	NTFS	Healthy (B	14.42 GB	2.63 GB	18 %	
📼 System Reserve	ed Simple	Basic	NTFS	Healthy (S	500 MB	172 MB	34 %	
= Disk 4	New Striped Volu Format Volum To store da	ime <b>e</b> ta on this volum	e, you must forma	at it first.		×		
Basic 14.91 GB Online	Choose wh	ether you want t ot format this vo	o format this volu	me, and if so, wha	at settings you wa	ant to use.		
Disk 5 Basic	Form	at this volume w e system:	vith the following s	ettings:	~			
Online	A	location unit siz	e: Defau	lt	~			
	. V	olume label:	New V	/olume				
<b>Disk 6</b> Basic 3717.13 GB Online		] Perform a quic ] Enable file and	k format d folder compressi	on				
	Primany partition			< Back	Next >	Cancel		
	r mary partition							



🖶 Disk Manageme	ent						_	×
File Action Vie	w Help							
	FT 🔎 🗹							
Volume	Layout	Туре	File System	Status	Capacity	Free Spa	% Free	
🚍 (C:)	Simple	Basic	NTFS	Healthy (B	14.42 GB	2.63 GB	18 %	
- System Reserved	Simple	Basic	NTFS	Healthy (S	500 MB	172 MB	34 %	
'	New Striped Volu	me				×		
Disk 4 Basic 14.91 GB Online			Completin Volume W	g the New izard sfully completed t	<b>Striped</b>			
onnie			You selected the	following settings	:			
<b>— Disk 5</b> Basic 3717.13 GB Online			Volume type: Strij Disks selected: D Volume size: 761 Drive letter or pat File system: NTF: Allocation unit siz Volume label: RA Quick format: Yei	ped )isk 5, Disk 6 2666 MB th: D: S S : : Default ID10 s		~		
<b>— Disk 6</b> Basic 3717.13 GB Online			To close this wiza	rd, click Finish.				
			[	< Back	Finish	Cancel		
Unallocated	rimary partition	_						

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IEI. Integration Corp.

# RAID 5 and RAID 10 Setup in Windows 10

📅 Disk Managen	nent						- [	) X
File Action Vi	iew Help							
🔶 🔿 🔤 🛛	Fi 🔎 🗹	3						
Volume	Layout	Туре	File System	Status	Capacity	Free Spa	% Free	
🚍 (C:)	Simple	Basic	NTFS	Healthy (B	14.42 GB	2.63 GB	18 %	
- System Reserve	d Simple	Basic	NTFS	Healthy (S	500 MB	172 MB	34 %	
- Dick 4						Ê		
Basic	System Reserve	d	(C:)					
14.91 GB	500 MB NTFS		14.42 GB NTFS					
Online	Healthy (System,	Active, Pri	Healthy (Boot, I	Page File, Crash	Dump, Prima			
- Disk 5						1		
Basic 3717.13 GB	3717 12 GB	//// <u>//</u>						
Online	Unallocated	Dis	k Management					×
			A The oner	ation you select	ed will convert	the selected ha	sic disk(s) to	
Basic			dynamic	disk(s). If you c	onvert the disk	(s) to dynamic, y	you will not be	
3717.13 GB	3717.12 GB		able to st	tart installed op	erating systems	from any volum	ne on the disk(s)	
Online	Unallocated		(except ti	ne current boot	volume). Are y	ou sure you war	it to continue:	
						Ves	No	
Unallocated	Primary partition							
						1		



Step 17: Done.

📅 Disk Managem	ent						-		×
File Action Vi	ew Help								
Volume	Layout	Туре	File System	Status	Capacity	Free Spa	% Free		
🚍 (C:)	Simple	Basic	NTFS	Healthy (B	14.42 GB	2.63 GB	18 %		
- RAID10 (D:)	Striped	Dynamic	NTFS	Healthy	7434.24 GB	7433.84	100 %		
- System Reserved	d Simple	Basic	NTFS	Healthy (S	500 MB	172 MB	34 %		
- Disk 4									
14.91 GB	System Reserved (C:)								
Online	Healthy (System, Active, Pri Healthy (Boot, Page File, Crash Dump, Prima								
				- <u>-</u>					
	1								
- Disk 5									
Dynamic 2717 12 CD	RAID10 (D:)								
Online	nline Healthy								
onnic									
	1								
-Disk 6									
Dynamic	Dynamic RAID10 (D:)								
3717.13 GB	3717.12 GB NTFS								
Uniine	Healthy								
Unallocated Primary partition Striped volume									

