

Excel Introduction **Basics Functions Data Analysis VBA** 300 Examples Ask us

Sumproduct G+ Follow

To calculate the sum of the products of corresponding numbers in one or more ranges, use Excel's powerful SUMPRODUCT function.

1. For example, the SUMPRODUCT function below calculates the total amount spent.

(27 ▼ (*)	fx	=SUMPRODUCT(B2:B5,C2:C5)							
1	Α	В	С	D	Е	F	G	Н	1	
1	Product	Quantity	Price							
2	Computer	2	1000							
3	Keyboard	4	250							
4	Mouse	4	100							
5	Printer	2	50							
6										
7		Total	3500							
8										



Download Excel File

sumproduct.xls

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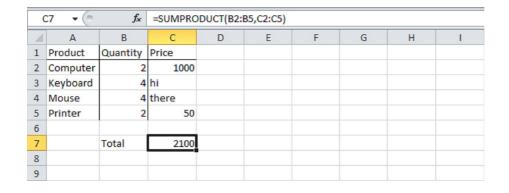
Note: the SUMPRODUCT function performs this calculation: (2 * 1000) + (4 * 250) + (4 * 100) + (2 * 50) = 3500.

2. The ranges must have the same dimensions or Excel will display the #VALUE! error.

COL	JN ▼ (=	× ✓ f _x	=SUMPRODUCT(B2:B5,C2:C4)							
4	А	В	С	D	Е	F	G	Н	1	
1	Product	Quantity	Price							
2	Computer	2	1000							
3	Keyboard	4	250							
4	Mouse	4	100							
5	Printer	2	50							
6										
7		Tota 🕸	#VALUE!							
8										
9										

3. The SUMPRODUCT function treats any entries that are not numeric as if they were zeros.

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