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The 8K (UHD-2) resolution

— *Product examples from Delock*

What exactly is 8K?

8K describes UHD-2 and is the successor of 4K (UHD). The 8K resolution has about 8,000 columns horizontally. Or 7,680 x 4,320 pixels, distributed over the respective display size in the classic 16:9 format, which is four times more pixels than with 4K and 16 times as many pixels as with Full HD.

This means that there are approximately 33.2 million pixels on the display = 33.2 megapixels. Sometimes also 8,192 x 4,320 pixels at approximately 17:9 are called 8K. However, with the rather unusual page format, this resolution is hardly relevant for consumer electronics.



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Content



8K – Excellent picture quality in Ultra HD
Our adapters, converters, hubs, cables, etc. support up to 7680 x 4320 pixels at 60 Hz, which is four times the resolution of 4K. They are ideal for photo and video editing, digital video walls and gaming.

Item	Name	Image
11474	DisplayPort 1.4 Repeater 8K 30 Hz	
62632	USB Type-C™ Adapter to HDMI (DP Alt Mode) 8K with HDR function	
63118	Active DisplayPort 1.4 to HDMI Adapter 8K with HDR function	
63200	Active mini DisplayPort 1.4 to HDMI Adapter 8K with HDR function	
65978	Mini DisplayPort 1.4 to DisplayPort adapter with latch 8K 60 Hz	
66296	DisplayPort 1.4 Adapter male to female 90° left angled 8K 60 Hz	
66297	DisplayPort 1.4 Adapter male to female 90° right angled 8K 60 Hz	
66433	Thunderbolt™ 3 / USB Type-C™ (DP Alt Mode) 8K 30 Hz Magnetic Adapter male to female	
66684	HDMI Adapter male to female 8K 60 Hz magnetic	
11478	DisplayPort 2 - 1 Switch bidirectional 8K 30 Hz	
11482	DisplayPort 1.4 KVM Switch 8K 30 Hz with USB 3.0 and Audio	
11484	DisplayPort 1.4 KVM Switch 8K 30 Hz with USB 3.0 and Audio	
64157	Thunderbolt™ 4 Hub 3 Port with additional SuperSpeed USB 10 Gbps Type-A Port - 8K	
87750	DisplayPort 1.4 Switch 2 x 2 DisplayPort in to 1 x 2 DisplayPort out 8K	
85502	Active DisplayPort Cable 8K 60 Hz 10 m; 85503 12 m; 85504 15 m	
86037	Bidirectional USB Type-C™ to DisplayPort Cable (DP Alt Mode) 8K 60 Hz DP 8K certified 0.5 m; 86038 1 m; 86040 1.5 m; 86041 3 m	
87040	DisplayPort cable 8K 60 Hz 1 m; 87041 2 m; 87042 3 m; 87043 5 m	

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85909	DisplayPort cable 8K 60 Hz DP 8K certified without latch 1 m; 85910 2 m; 85911 3 m	
80264	DisplayPort cable 8K 60 Hz 40 Gbps 5 m	
80268	DisplayPort cable 8K 60 Hz 40 Gbps 5 m	
87044	DisplayPort cable male straight to male 90° left angled 8K 60 Hz 1 m; 87046 2 m; 87048 3 m; 87049 5 m	
87054	DisplayPort cable male straight to male 90° upwards angled 8K 60 Hz 1 m; 87055 2 m; 87056 3 m; 87057 5 m	
87060	DisplayPort cable male straight to male 90° right angled 8K 60 Hz 1 m; 87063 2 m; 87067 3 m; 87069 5 m	
87050	DisplayPort cable male straight to male 90° downwards angled 8K 60 Hz 1 m; 87051 2 m; 87052 3 m; 87053 5 m	
87070	DisplayPort extension cable 8K 60 Hz 1 m; 87071 2 m; 87072 3 m	
87073	DisplayPort extension cable male 90° left angled to female 8K 60 Hz 1 m; 87075 2 m; 87076 3 m	
87080	DisplayPort extension cable male 90° upwards angled to female 8K 60 Hz 1 m; 87081 2 m; 87084 3 m	
87077	DisplayPort extension cable male 90° right angled to female 8K 60 Hz 1 m; 87078 2 m; 87079 3 m	
87087	DisplayPort extension cable male 90° downwards angled to female 8K 60 Hz 1 m; 87091 2 m; 87093 3 m	
87095	DisplayPort extension cable panel-mount 8K 60 Hz 1 m; 87097 2 m; 87098 3 m	
85726	High Speed HDMI Cable 48 Gbps 8K 60 Hz 0.5 m; 85727 1 m; 85728 1.5 m; 85729 2 m; 86987 3 m	
85386	High Speed HDMI Cable 48 Gbps 8K 60 Hz 0.5 m; 85387 1 m; 85388 2 m; 85389 2.5 m	
86988	High Speed HDMI cable male straight to male 90° upwards angled 48 Gbps 8K 60 Hz 1 m; 86989 2 m; 86990 3 m	
86991	High Speed HDMI cable male straight to male 90° downwards angled 48 Gbps 8K 60 Hz 1 m; 86992 2 m; 86993 3 m	

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85885	Active Optical Cable DisplayPort 1.4 8K 10 m; 85886 15 m; 85887 20 m; 85888 25 m; 85889 30 m; 84140 50 m; 84141 70 m; 84143 100 m	
85828	Active Optical Cable DisplayPort 1.4 8K 60 Hz 50 m	
85658	DisplayPort cable 8K 60 Hz DP 8K certified 1 m; 85660 2 m; 85661 3 m; 85663 5 m	
84034	Active Optical Cable HDMI 8K 60 Hz 10 m; 84037 15 m; 84038 20 m; 84039 25 m; 84040 30 m	
84927	Mini DisplayPort to DisplayPort cable 8K 60 Hz DP 8K certified 1 m; 84928 2m	
85299	Coaxial DisplayPort cable 8K 60 Hz 0.5 m; 85300 1 m; 85301 2 m; 85302 3 m; 85303 4 m; 85304 5 m; 85305 6 m	
85383	Coaxial High Speed HDMI Cable 48 Gbps 8K 60 Hz black 0.5 m; 85384 1 m; 85385 2 m	
85445	Ultra High Speed HDMI Cable 48 Gbps 8K 60 Hz blue 0.5 m certified; 85446 1 m; 85447 2 m; 85448 3 m	
83994	Ultra High Speed HDMI Cable 48 Gbps 8K 60 Hz grey certified 0.5 m ; 83995 1 m; 83996 2 m; 83997 3 m	
85772	Ultra High Speed HDMI Cable 48 Gbps 8K 60 Hz red certified 0.5 m; 85773 1 m; 85774 2 m; 85775 3 m	
85293	Ultra High Speed HDMI Cable 48 Gbps 8K 60 Hz 1 m; 85294 2 m; 85295 3 m; 85296 5 m	
85365	Ultra High Speed HDMI Cable 48 Gbps 8K 60 Hz silver certified 0.5 m; 85366 1 m; 85367 2 m; 85368 3 m	
85811	Bidirectional USB Type-C™ to DisplayPort Cable (DP Alt Mode) 8K 60 Hz DP 8K certified 0.5 m; 85812 1 m, 85813 1.5 m	
85826	Active Optical Cable DisplayPort 1.4 8K 60 Hz 30 m	
87777	Thunderbolt™ 3 Docking Station 8K - Dual DisplayPort / USB / LAN / SD / Audio / PD 3.0	