CUDNN SUPPORT MATRIX

cuDNN Support Matrix

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Chapter 1.
CUDNN FOR CUDA AND NVIDIA HARDWARE

The Table 1 describes the compatibility of cuDNN versions with the various supported CUDA, CUDA driver and NVIDIA hardware versions.

Table 1   cuDNN For CUDA and NVIDIA Hardware

cuDNN Version	Supported NVIDIA HW (Compute Capability)	CUDA Version(s)	CUDA Driver Version(s)
7.4.2	-Turing (7.5), -Volta (7.x), -Pascal (6.x), -Maxwell (5.x), -Kepler (3.x)	CUDA 10.0.x	r410.48
7.4.2	-Volta (7.x), -Pascal (6.x), -Maxwell (5.x), -Kepler (3.x)	CUDA 9.2.88	r396.26
7.4.2	CUDA 9.1.85 (Not Supported)		
7.4.2	-Volta (7.x), -Pascal (6.x), -Maxwell (5.x), -Kepler (3.x)	CUDA 9.0.176	r384.111
7.4.2	CUDA 8.0.61 (Not Supported)		
7.4.1	-Turing (7.5), -Volta (7.x), -Pascal (6.x), -Maxwell (5.x), -Kepler (3.x)	CUDA 10.0.x	r410.48
7.4.1	-Volta (7.x),	CUDA 9.2.88	r396.26

	-Pascal (6.x), -Maxwell (5.x), -Kepler (3.x)		
7.4.1	CUDA 9.1.85 (Not Supported)		
7.4.1	-Volta (7.x), -Pascal (6.x), -Maxwell (5.x), -Kepler (3.x)	CUDA 9.0.176	r384.111
7.4.1	CUDA 8.0.61 (Not Supported)		
7.3.1	-Turing (7.5), -Volta (7.x), -Pascal (6.x), -Maxwell (5.x), -Kepler (3.x)	CUDA 10.0.x	r410.48
7.3.1	-Volta (7.x), -Pascal (6.x), -Maxwell (5.x), -Kepler (3.x)	CUDA 9.2.88	r396.26
7.3.1	CUDA 9.1.85 (Not Supported)		
7.3.1	-Volta (7.x), -Pascal (6.x), -Maxwell (5.x), -Kepler (3.x)	CUDA 9.0.176	r384.111
7.3.1	CUDA 8.0.61 (Not Supported)		
7.2.1	CUDA 10.0.x (Not Supported)		
7.2.1	-Volta (7.x), -Pascal (6.x), -Maxwell (5.x), -Kepler (3.x)	CUDA 9.2.88	r396.26
7.2.1	CUDA 9.1.85 (Not Supported)		
7.2.1	-Volta (7.x), -Pascal (6.x), -Maxwell (5.x), -Kepler (3.x)	CUDA 9.0.176	r384.111
7.2.1	-Pascal (6.x), -Maxwell (5.x), -Kepler (3.x)	CUDA 8.0.61	r375.88

7.1.4	CUDA 10.0.x (Not Supported)		
7.1.4	-Volta (7.x), -Pascal (6.x), -Maxwell (5.x), -Kepler (3.x)	CUDA 9.2.88	r396.26
7.1.4	CUDA 9.1.85 (Not Supported)		
7.1.4	-Volta (7.x), -Pascal (6.x), -Maxwell (5.x), -Kepler (3.x)	CUDA 9.0.176	r384.111
7.1.4	-Pascal (6.x), -Maxwell (5.x), -Kepler (3.x)	CUDA 8.0.61	r375.88

Chapter 2.
CUDNN FOR OS VERSIONS

The Table 2 describes the compatibility of cuDNN versions with the various supported OS versions.

Table 2   cuDNN Compatibility with OS Versions

cuDNN for Linux	cuDNN for MacOS	cuDNN for Windows
Ubuntu 16.04 or Ubuntu 14.04 or Ubuntu 18.04: For installing cuDNN with Debian files on x86_64 or POWER8/9	Mac OS X 10.11 or later	Windows 7
RHEL7.5: For installing cuDNN on POWER8 and POWER9		Windows 10
Any Linux Distribution: For installing cuDNN with tgz files on x86_64		Windows Server 2012 or Windows Server 2016

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