This chart updated: 8/1/2021
The hercules-helper scripts are tested (occassionally) on these systems:

VMware indicates VMware 15.5 running on Windows 10 running on Intel i7 CPU
All builds are compiled natively on the target OS (not cross compiled)
All builds match the bitness of the installed OS

Target OS	OS Version	Target CPU Architecture	RAM Size	Compiler	System Hardware	Date Tested	Notes / Problems
Windows 10	Pro 20H2	x86_64	6 GB	VS2017/2019	Vmware	2/25/2021	
AlmaLinux	8.4	x86_64	4 GB	gcc 8.4.1	VMware	7/16/2021	
CentOS	Stream 8	x86_64		gcc 8.4.1	VMware	1/14/2021	
CentOS	8.2.2004	x86_64		gcc 8.3.1	VMware	1/14/2021	
CentOS	7.9.2009	x86_64		gcc 4.8.5	VMware	1/14/2021	
Fedora	34	x86_64	4 GB	gcc 11.1.1	VMware	7/1/2021	
Debian	10.9	x86_64	4 GB	gcc 8.3.0	VMware	6/30/2021	
Debian	10.6	i686 32-bit		gcc 8.3.0	VMware	12/22/2020	
Debian	9.9	i686 32-bit		gcc 6.3.0	VMware	12/12/2020	
Debian	8.6	i686 32-bit		gcc 8.3.0	VMware	12/18/2020	
Debian	8.6	i686 32-bit		gcc 6.3.0	VMware	12/17/2020	
Debian	8.6	i686 32-bit		gcc 5.4.0	VMware	12/20/2020	CBUC test fails
Debian	8.6	i686 32-bit		gcc 4.9.3	VMware	12/12/2020	CBUC test fails
Debian	8.6	i686 32-bit		gcc 4.9.2	VMware	12/12/2020	Tests failed; crashed
Zorin	15.3	x86_64	4 GB	gcc 7.5.0	VMware	7/1/2021	Zorin 15.3 is based on Ubuntu 18.04
Kubuntu	20.04	x86_64		gcc 9.3.0	VMware	1/7/2021	
Ubuntu	20.04	x86_64		gcc 9.3.0	WSL2	12/13/2020	
Ubuntu	18.04	x86_64		gcc 7.5.0	VMware	12/12/2020	

OS	Version	Architecture	Memory	Compiler	Platform	Date	Notes
Ubuntu	16.04	x86_64		gcc 5.4.0	Docker	2/18/2021	Docker on WSL2
Ubuntu	12.04	i686 32-bit		gcc 8.3.0	VMware	12/18/2020	
Ubuntu	12.04	i686 32-bit		gcc 6.3.0	VMware	12/17/2020	
Ubuntu	12.04	i686 32-bit		gcc 4.8.5	VMware	12/12/2020	CBUC test fails
Ubuntu	12.04	i686 32-bit		gcc 4.6.3	VMware	12/12/2020	CBUC test fails
KDE Neon	5.21	x86_64	6 GB	gcc 9.3.0	VMware	7/6/2021	
KDE Neon	20.04	x86_64	2 GB	gcc 9.3.0	VMware	1/9/2021	
KDE Neon	11.19	x86_64		gcc 7.5.0	VMware	12/12/2020	
Mint	20	x86_64		gcc 9.3.0	VMware	12/13/2020	
Manjaro KDE	21	x86_64	4 GB		VMware	7/1/2021	
openSUSE	15.1	x86_64		gcc 7.5.0	VMware	1/7/2021	
openSUSE	15.2	x86_64		gcc 7.5.0	VMware		
openSUSE	15.3	x86_64		gcc 7.5.0	VMware	4/30/2021	Tests hang waiting for input after EXIT command
RPI OS	(beta)	AArch64	8 GB	gcc 8.3.0	Raspberry Pi 4B 8GB	7/15/2021	Locally built Regina 3.6
Raspbian	2020-05-27	armv7l	8 GB	gcc 8.3.0	Raspberry Pi 4B 8GB	12/22/2020	CBUC test fails
Raspbian	2019-07-10	armv6l	512 MB	gcc 8.3.0	Raspberry Pi Zero W	7/16/2021	
Ubuntu	21.04	AArch64	8 GB	gcc 7.5.0	Raspberry Pi 4B 8GB	1/7/2021	
Ubuntu Mate	20.10	AArch64	8 GB	gcc 10.2.0	Raspberry Pi 4B 4GB	1/7/2021	
Manjaro	20.12	AArch64	8 GB	gcc 10.2.0	Raspberry Pi 4B 4GB	1/19/2021	
Freebsd	12.2	arm64		Clang 10	Raspberry Pi 3B+	4/8/2021	'mainsize' test is skipped
Freebsd	12.2	x86_64		Clang 10	Vmware	4/8/2021	
Freebsd	13.0 RC5	arm64		Clang 11	Raspberry Pi 4B	4/12/2021	
NetBSD	9.0	amd64			AMD64 Server	not ready yet	
MacOS	10.13.6	amd64		Clang 10.0.0	VMware	7/6/2021	High Sierra
MacOS	10.14.6	amd64		Clang 10	VMware	5/2/2021	Mojave
MacOS	10.15	amd64			VMware		Catalina
MacOS	11.15.1	amd64		Clang 12.0.5	VMware	8/1/2021	Big Sur
MacOS	11.4	Apple M1		Clang 12.0.5	Mac Mini M1	7/6/2021	Big Sur