

Milestone Husky™ NVR

	MILESTONE HUSKY M SERIES				MILESTONE HUSKY X SERIES	
	M20	M50	M500A	M550A	X2	X8
General specifications						
Max. number of cameras	32	128	512*	768*	133*	780*
Form factor	Standalone/ 2U rack-mount	2U rack-mount	2U rack-mount	2U rack-mount	Standalone/ 2U rack-mount	2U rack-mount
Dimensions (WxDxH)	43 x 33 x 8.8 cm 16.9 x 13 x 3.5 inch	43 x 40 x 8.8 cm 17 x 16.4 x 3.5 inch	43 x 40 x 8.8 cm 17 x 16.4 x 3.5 inch	48 x 47 x 8.8 cm 19 x 18.4 x 3.5 inch	43 x 33 x 8.8 cm 16.9 x 13 x 3.5 inch	43 x 46.6 x 8.8 cm 17 x 18.4 x 3.5 inch
Max. power consumption	250/500W**	120 W	120 W	120 W	250/500W**	150 W
Redundant power supply	--	--	--	Yes, hot-swap	--	Yes, hot-swap
Hardware warranty	3 years	3 years	3 years	3 years	3 years	3 years
Compute system						
CPU	Intel® Core™ i3-6100b 3.7 GHz	Intel® Core™ i7-3610QE 2.3 GHz	Intel® Core™ i7-3610QE 2.3GHz	Intel® Core™ i7-3610QE 2.3 GHz	Intel® Core™ i3-6100 3.7 GHz	Intel® Xeon® E3-1515M V5 2.8 GHz
GPU	Intel® HD Graphics 530	Intel® HD Graphics 4000	Intel® HD Graphics 4000	Intel® HD Graphics 4000	Intel® HD Graphics 530	Intel® Iris™ Pro Graphics P580
GPU video decoding	Local client viewing	Local client viewing	Local client viewing & server-side VMD	Local client viewing & server-side VMD	Local client viewing & server-side VMD	Local client viewing & server-side VMD
RAM	8 GB	16 GB	16 GB	16 GB	16 GB	16 GB
Credential and key encryption	--	--	--	--	--	TPM 2.0 ISO/IEC 11889
Operating system (OS)	Windows 10 IoT	Windows 10 IoT	Windows 10 IoT	Windows 10 IoT	Windows 10 IoT	Windows 10 IoT
Storage system						
Max. recording rate	200 Mbit/s	544 Mbit/s	600 Mbit/s	1200 Mbit/s	556 Mbit/s	1828 Mbit/s
Internal video storage (raw)	2/4/12 TB	8/16/32/48/64 TB	8/16/32/48/64 TB	8/16/32/48/64 TB	4/12/16/20 TB	32/64/80 TB
Number of hot-swap HDD drives	2 bays, SATA	8 bays, SATA	8 bays, SATA	8 bays, SATA	2 bays, SATA	8 bays, SATA
RAID support	--	RAID 5/10	RAID 5/6/10/50	RAID 5/6/10/50	--	RAID 5/10
Archiving to external NAS/SAN	Yes	Yes	Yes	Yes, via iSCSI or FCoE**	Yes	Yes, via iSCSI or FCoE**
VMS/OS storage	128 GB mSATA SSD	64 GB mSATA SSD	128 GB mSATA SSD	128 GB mSATA SSD	256 GB mSATA SSD	2 x 128 GB M.2 SSD RAID 1
Network system and connections						
Network interface	2 x 1 GbE	2 x 1 GbE	2 x 1 GbE	2 x 1 GbE 2 x 10 GbE*	2 x 1 GbE	2 x 1 GbE 2 x 10 GbE**
Built-in PoE managed switch	8/16 x 1 GbE PoE+**	--	--	--	16 x 1 GbE PoE+**	--
Built-in I/O connector	4 x in + 4 x out	--	--	--	4 x in + 4 x out	--
Intel® Active Management Technology (AMT)	--	--	--	--	--	Yes
Video management software (VMS)						
Pre-loaded VMS	XProtect Professional	XProtect Professional	XProtect Expert	XProtect Expert	XProtect VMS***	XProtect VMS***
Included XProtect VMS licenses	1 Base License 8/16 Device Licenses**	1 Base License 8/16 Device Licenses**	1 Base License	1 Base License	None***	None***

Where:

*) No hard system limit, maximum number of cameras only limited by obtained XProtect VMS licenses, available system resources and recording speed. Stated numbers are validated performance with, 720P, @25 FPS, 1 Mbit/s for Husky M500A and M550A, and 720P, @25 FPS, 2 Mbit/s for Husky X2 and X8.

**) Dependent on product variant

***) Can be used with the following XProtect VMS variants: Express+, Professional+, Expert and Corporate, where required licenses are obtained separately. Can also be used with XProtect Essential+ with up to 8 cameras for free.