

# **Vess A7000 FCS Compatibility List**

**Date: March. 16<sup>th</sup>, 2018      Version: 1.0**

**Vess A7000 System Covered:**

- **Vess A7600**                      – 3U/16-bays Storage Appliance for Video Surveillance
- **Vess A7800**                      – 4U/24-bays Storage Appliance for Video Surveillance

**System Versions Covered:**

- **InstallPkg**                      – Version 0.00.0000.20

**DEVICE COMPATIBILITY NOTE:**

Basic compatibility between the 3rd party device and Promise device has been verified in typical configurations, unless otherwise stated.

The EOL of 3rd party device may not be in the current list, user can refer older version of Promise compatibility list to get those test result.

**DISCLAIMERS:**

Only the versions available at time of testing have been verified, as listed.

Corner cases may exist depending on user configuration etc.

Individual 3rd party units may exhibit problems that did not show up in through the Promise test process.

Published performance is not assured with configuration deviations.

Some listed devices may go EOL. AVL listing does not imply market availability.

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**Document History**

Date	Release Label	Release Version	Notes
March 16, 2018	FCS	First release Qualified some devices: <ul style="list-style-type: none"><li>● SATA Hard Drive: 10 models</li><li>● OS: 1 set</li><li>● VMS: 2 models</li><li>● CPU: 2 models</li><li>● Memory: 2 models</li></ul>	

## 1. SATA Hard Drives

Vendor	Family	Model	Capacity	Part Number	Firmware	Buffer	Drive Transfer Rate	Form Factor	RPM
Seagate	SkyHawk (Surveillance)	ST10000VX0004	10TB	1ZE101-500	AV01	256MB	6Gb/s	3.5"	7200
		ST8000VX0022	8TB		AV01	256MB	6Gb/s	3.5"	7200
		ST6000VX0023	6TB		SC60	256MB	6Gb/s	3.5"	7200
TOSHIBA	Enterprise MG04ACAxxxE	MG04ACA600E	6TB	HDEPS10GEA51	FS3B	128MB	6Gb/s	3.5"	7200
		MG04ACA500E	5TB		FP3B	128MB	6Gb/s	3.5"	7200
		MG04ACA400E	4TB		FP3B	128MB	6Gb/s	3.5"	7200
		MG04ACA300E	3TB		FP3B	128MB	6Gb/s	3.5"	7200
		MG04ACA200E	2TB		FP3B	128MB	6Gb/s	3.5"	7200
	Enterprise MG05ACAxxxE	MG05ACA800E	8TB	HDEPT10GEA51	GX1A	128MB	6Gb/s	3.5"	7200
		MG05ACA600E	6TB		GX1A	128MB	6Gb/s	3.5"	7200

- ⚠ In a RAID array setup, we recommend using the enterprise level hard drive as it has much better command timeout control and features stable reliability to vibration compared to desktop one for critical applications.
- ⚠ Some listed devices may go EOL. AVL listing does not imply market availability.
- 🔵 **BLUE Models are new additions actual in test to this release.**
- 🟠 **ORANGE Capacities are assumed to work but were not tested.**

## 2. SAS Hard Drives

Vendor	Family	Model	Capacity	Part Number	Firmware	Buffer	Drive Transfer Rate	Form Factor	RPM
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### 3. Operating Systems

Vendor	Core Platform	Type	Available Models
Microsoft	Windows 10 Enterprise	x64	A7600/A7800

### 4. Vess A7000 VMS Compatibility List

Vendor	VMS Version
Milestone	Xprotect Corporate 2017 R2 (11.2a)
	Xprotect Professional 2017 R2 (11.2a)

### 5. CPU Compatibility List

Vendor	Models	Cores	L3 Cache Size	TDP
Intel	Intel® Xeon® CPU E5-2603v4 @1.7GHz	6	15MB	85W
Intel	Intel® Xeon® CPU E5-2609v4 @1.7GHz	8	20MB	85W

### 6. Memory Compatibility List

Vendor	Type	Speed	DIMM	Size	Module
Transcend	DDR4	2133	Reg ECC	8GB	TS1GHR72V1HL
Innodisk	DDR4	2133	Reg ECC	8GB	M4RS-8GSSDCRG-EH04

### 7. External Graphics Card Compatibility List

Vendor	Model	VBIOS/Win. Driver	Available Models
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