



MicroSD card Approval Certificate

The below microSD cards have been approved as up to standard for use on Raspberry Pi computers.

Manufacturer / Brand:	Xmore
Supplier Part Number:	SDU016GXASTS-006E SDU064GXAITT-007E
Size of Card:	16 and 64GB



Test set-up:

Raspberry Pi4 Model B/4GB test rig

Each card under test is loaded with a custom image containing an up-to-date image, automated stress test scripts and a local web site to be accessed using Google Puppeteer automation.

Test date: 29th February 2024

Test engineer: R Jones

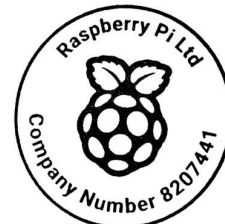
Results:

Test	Specification limits	
	A1 standard	Raspberry Pi
1) Sequential write speed	>10MB/S	>12MB/S
2) Random IOPS - write	>500 IOPS	>500 IOPS
3) Random IOPS – read	>1500 IOPS	>2000 IOPS

Size	Power interrupts	Total time on (sec)	End Run Speeds		
			Seq Write KB/S	Random Write IOPS	Random Read IOPS
16GB	11,860	2,130,986	39,849	2,358	3,806
64GB	11,639	2,096,849	33,750	4,490	3,720

Approved:

Stamp:



Date: 29th February 2024

Valid to: 1st March 2025

Note: card approval is valid only on cards of same specification as the parts provided for approval. Any changes in card bill of materials require the card to be re-approved by Raspberry Pi