

RIMAGE COMPARISON SHEET

Maestro against other USB options

The next generation of USB production, Maestro is the first fully automated USB system for printing and recording in the market.

Advanced features such as flexible memory and case size options combined with our new software suite bring you unrivaled performance and quality that can't be achieved with any other solution on the market.

The Maestro System is designed to scale from single USBs that are each 100% unique, much like USB duplication towers, but in addition it can produce hundreds of customizable USBs per day with minimal human interaction.

Maestro systems allow you to deliver custom-tailored USBs for any use at any time - all fully automated. No other system in the USB market comes close to the level of automation you can get with a Rimage Maestro system.

With the automated robotics and a powerful software interface, you can easily integrate the Maestro system into your workflow to save you time – so you can focus on the more important things of your business. Below you can see the difference between a Rimage Maestro system and current USB duplicators in the market.



	MAESTRO	SERVICE BUREAU	DUPE TOWER	MANUAL (PC)
All in One Solution	X			
Automation	X			
Personalization	X			X
Workflow Integration	X			Limited (difficult setup)
Individual High Quality Printing	X	X (high quantities only)		Limited (manual paper Labels)
Variable Cases Sizes	X	Not per piece	X	X
Variable Memory Sizes	X	Limited (only for entire order)	Limited (only for entire order)	X
On Demand Production	X	Limited (only full badges)	X	X
Encryption Enabled	X	Limited (only for entire order)	Limited (only for entire order)	X
Unattended production	X	X		
Data Security/Privacy	X		X	X
Multiple Users	X			X
WORM (write once, read many)	X	X	Partially	
Single Custom Job	x		x	x

Rimage USB compared to other USB sticks

In the flash memory products industry, there are large differences in the commercial and industrial market segments. Therefore, products targeting these markets are different. This comparison shows the differences between products for the two markets.

The commercial flash memory market is mainly focused on digital consumer devices such as digital cameras, digital video recorders, cell phones and mobile media players. This market commonly uses commercially available semiconductor devices because the devices they're used in are unlikely to be exposed to industrial temperature or voltage variations. This market segment is mainly concerned about price and capacity, so they're most likely to purchase the flash memory device with the highest storage capacity at the lowest average unit capacity cost.



The market for industrial-grade flash memory is primarily focused on OEM customers who are building highly reliable systems that require durable storage, and magnetic hard disk drives were unsuitable due to environmental factors. These systems include network routers, industrial measurement and control systems, automotive and other high reliability systems. Industrial and OEM customers are less price sensitive, but demand product reliability, stability and performance. Products must be stable and reliable under intended operating conditions. Many applications also require high performance to replace magnetic hard disk drives.

FLASH MEMORY COMPARISON

	MAESTRO DATA MODULES	REGULAR IMPORT MODULES
Constant write speed	Approx.. 25 MB/s - Up to 50MB/s (128GB and large files)*	Mostly 1 - 5MB/s
Constant read speed	Approx.. 200 MB/s - Up to 50MB/s (128GB and large files)*	Often under 20MB/s
Memory / Controller	Phison	No Name
BOM (Bill of Materials)	FIXED BOM	Variable BOM
Delivery time	In Stock	4 - 6 weeks
MOQ (Minimum Order Quantity)	100	1000
Print	Fully flexible	Only at manufacturer, can not be changed afterwards
Price-stability	Secure per quarter	Fluctuates daily
WORM	YES	NO
Quality	Always same high quality	Fluctuates heavily
Failure rate	Very low	High
Risk of defect at customer	Low	Very high
Usage area	Marketing, SW, Documentation, Patient Data, Data Transport, ect.	Marketing
High Read/Write Speed	x	
Secure	x	
Automatic processing	x	
Individual printing	x	
Short delivery times	x	
Low failure rate	x	

Please be advised that the transfer speed varies depending on Controller, Size of Memory, Testfile Used (file sizes) or other industry variances.