

## PRIMERGY RDX Backup and Archiving Solution

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**The PRIMERGY RDX (Removable Disk) drive pioneers an era of professional data backup that everyone can afford. This drive enables you to take new approaches in saving, archiving and transporting data.**

The PRIMERGY RDX drive succeeds in uniting the best of hard disk and tape drive technology. Not only medium-sized, but also very small enterprises no longer have to go without professional data backup. The PRIMERGY RDX drive offers every user the security and performance of a highly flexible backup device.

- The performance of a hard disk and security and handling of a tape drive
- Miscellaneous Cartridges with a capacity of 80 up to 320 GB; higher capacities are planned and can be used with the existing drive
- Maximum transfer rate of 90 GB/hour (uncompressed data)
- The HDD cartridges are more durable than conventional tape cartridges
- Archiving life cycle in excess of 10 years

The PRIMERGY RDX drive is based on mobile hard disk technology, but offers the design and handling customary to normal tape drives and cartridges. The greatest challenge facing this technology, namely to integrate an HDD medium in a cartridge housing, has been overcome in outstanding fashion. The HDD medium is absolutely resistant to impact and is screened securely against electromagnetic influences, thus offering optimum protection for your data when it is saved, restored and transported.

The drive housing with the USB interface has an extremely robust design. It is designed to cope with thousands of cartridge changes and can also be operated by staff without any IT training. For example, it is not possible for the cartridge to be inserted incorrectly into the drive. This is prevented by a mechanical lock.



### Cartridges

The impact-resistant cartridge design ensures that your data is secure when it is archived or transported. Cartridges with capacities of 80 and 120 GB are available. Higher capacities are planned and can be used with the existing drive and available as soon as possible.



Main features	Customer benefits
Transfer rate of up to 25 MB/s	For rapid data backups
Faster access to data in backups and restores	Much less time is required for saving and restoring data
No need to clean tapes	Saves time and money – no cleaning or cleaning material is required

## Technical data

Type	Backup and archiving solutions	
Capacity	80, 120, 160, 320 GB	
System interface	USB	
Data transfer rate (burst)	480 Mbit/s	
Average transfer rate	25 MB/s	
Device load/unload cycles	10,000	
Cartridge load/unload cycles	5,000	
Reliability		
MTBF	550,000 h 100% workload	
Hard read error rate	1 x 10 <sup>-14</sup>	
Dimensions / weight		
Form factor	5.25-inch internal	3.5-inch internal (as of 10/07)
Height / width / depth	41.4 x 146 x 171.9 mm	41.4 x 101.6 x 159.4 mm
Weight	0.635 kg	0.408 kg
Environmental conditions		
Temperature (operation)	10° C to 40° C	
Temperature (standby)	-40° C to 65° C	
Relative humidity (operation)	20% to 80%	
Relative humidity (standby)	10% to 90%	
Power consumptions		
+12V	0,001A / max. 1,4A	
+5V	1,3A / max. 2,4 A	
Power consumption	6,6W / max. 20W	

Compliance with standards	
Product safety	
Global	IEC 60950
Europe	EN 60950
USA / Canada	UL/CSA 60950
Electromagnetic compatibility	
Europe	EN 55022 Class A; EN 55024
Taiwan	-
Japan	-
Australia / New Zealand	AS/NZS CISPR 22 Class A
USA / Canada	FCC 47CFR Class A
Declaration of conformity	
Europe	CE ( 89/336/EEC; 73/23/EEC )
North America	FCC
Approvals	
Product safety	
Global	-
Europe	TÜV
Germany	TÜV
USA / Canada	ULc/us
There is general compliance with the safety requirements of all European countries and North America. National approvals required in order to satisfy statutory regulations or for other reasons (e.g. for Canada and USA, East European countries, Norway), can be applied for on request.	