

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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1040MB

Type III PC Card Hard Disk Drive

Extra Storage Capacity
You need never run out of space.

High-Speed Backup
Faster than tapes or floppies with high-speed random access.

Data Transportability
Move files and data between mobile and desktop computers fast.

Digital Film
High capacity and high speed for digital cameras.

Data Security
Keep your data private by taking it with you or putting it in a safe – small enough to fit your wallet.

File Organisation
Keep your files, projects or different applications on a separate **Callunacard** to improve your organisation.

System Fault Tolerance
You are no longer stalled by computer failure – simply move your **Callunacard** to another PC and carry on working.

Ideal Removable Storage for Mobiles
No extra cables, boxes, power supplies and negligible weight.

IDE and PCMCIA Interfaces
Every **Callunacard** will operate with a PC CARD-ATA or a 68 pin ATA (IDE) interface and will automatically configure to the interface type used in the socket.
In 68 pin ATA mode dual drive (Master/Slave, Drive 0/Drive 1) protocol is supported.
Data can also be transported between PC CARD-ATA and 68 pin ATA sockets.

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Note: Specifications subject to change without notice.

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Specification Summary

PHYSICAL CONFIGURATION

MODEL NUMBER	CT1040RM	CT521RM
Storage Capacity	1040MB	520MB
Number of Disks	2	1
Number of Data Heads	4	2
Data Heads (logical)	16	16
Cylinders (logical)	2016	1008
Sectors per Track (logical)	63	63
Track Density	9000 TPI	9000 TPI
Recording Method	1,7 PRML	1,7 PRML
Bit Density	169,520 BPI (max)	169,520 BPI (max)

PERFORMANCE

Seek Times:		
Track to Track	2.0 msec	2.0 msec
Average	12 msec	12 msec
Maximum	23 msec	23 msec
Average Latency	8.0 msec	8.0 msec
Data Transfer Rate:		
To/From Media	3.70 - 5.92 MB/sec	3.70 - 5.92 MB/sec
To/From Interface	20 MB/sec (max)	20 MB/sec (max)
Start Time	1 sec	1 sec
Stop Time	1 sec	1 sec
Buffer Size	128KB	128KB

POWER REQUIREMENTS

Voltage	5V +/- 5%	5V +/- 5%
Spin Up Current	690 mA peak	690 mA peak
Active Current	425 mA	425 mA
Idle Current	145 mA	135 mA
Standby Current	15 mA	15 mA
Sleep Current	15 mA	15 mA

PHYSICAL CHARACTERISTICS

Height	0.41" (10.5 mm)	0.41" (10.5 mm)
Length	3.37" (85.6 mm)	3.37" (85.6 mm)
Width	2.13" (54.0 mm)	2.13" (54.0 mm)
Weight	2.82 oz (80 g)	2.82 oz (80 g)

ENVIRONMENTAL RANGE

Operating Temperature	0°C to 55°C	0°C to 55°C
Non-Operating Temperature	-40°C to 70°C	-40°C to 70°C
Operating Shock	100G	100G
Non-Operating Shock	300G	300G

RELIABILITY

MTBF	>150,000 hours	>150,000 hours
Start/Stop Cycles	300,000 min	300,000 min
Data Reliability	</=1 non-recoverable error in 10e13bits read	

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calluna


1GB of Storage
in PC Card Format
"Callunacard is sharp on user friendliness"
NETWORK WEEK
February 1999
"It could hardly be simpler to use"
PC MAGAZINE
May 1999
Actual Size
1.8" Form Factor
For the first time the NEW Type III Callunacard packs over 1GB of storage in a PC Card disk drive
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www.callunacard.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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