



Certificate

Certificate No.: USA16Q20662R1S

This is to certify that the Quality Management System of
**GUANGZHOU RONC COMPUTER
TECHNOLOGY CO., LTD.**

Organization Code: 668106163
Unit 8,20/F,Block A,Buynow Technology Building,
592 TianHe Road,TianHe District,GuangZhou,
GuangDong,China.

Has been audited to conform to the following Quality Management System standard

ISO 9001:2015

This Quality Management System is valid for the

Sale of blank disc

Initial issued date: Jan.23, 2026

Date of issue: Jan. 28, 2026

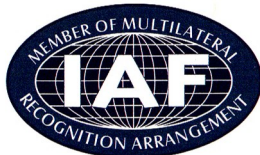
Date of expiry: Jan. 28, 2029

Issued by:

Xu Jianping



BEIJING EAST ALLREACH CERTIFICATION CENTER



This certificate will remain valid only if the certified organization accepts at least one surveillance audit annually within the validity period of the certificate and the surveillance audit conforming mark is in the designated position on the certificate. The information of this certificate is available at EACC website www.eacc.com.cn and CNCA website www.cnca.gov.cn.

EACC address: 1st Floor, No. 121 building, No. 17, Jingshengnansi Street, Jinqiao Science & Technology Industrial Base, Tongzhou Park of Zhongguancun Science & Technology Zone, Tongzhou District, Beijing 101102

The 1st
Surveillance
Conforming
Mark

The 2nd
Surveillance
Conforming
Mark

The 3rd
Surveillance
Conforming
Mark

	
Technical Data	RONC DVD-R RECORDABLE MEDIA
TYPE	DVD-R 4.7 GB (D5)
Technology	Polycarbonate UV-bond substrate Reflective layer silver alloy Compatibility with most DVD players and drives
Product material	Polycarbonate (PC material)
Storage capacity (binary system)	4.7GB / 120min
Laser wavelength - writing	650 nm
Laser wavelength - reading	650 nm
Aperture of objective lens	0.6
Number of writing cycles	1
Range of writing speed	Up to 16X
Storage life	Suitable for long-term storage
Recording track format	Wobbled high frequency groove
Sides used	1
Substrate material	Polycarbonate
Writing mode	CAV and CLV
Minimum data bit length	0,4 µm
Track pitch	0,74 µm
Sector size	2.048 bytes
Recording code	8/16, RLL(2, 10)
Error correction code	Reed-Solomon Product Code
Operating environment	-5°C - +55°C / 23°F - 131°F Store in cool, dry & dark environment
Technical data	1-16X/4.7GB/120MIN (D5)
Outer diameter	120 mm ± 0,3 mm
Inner diameter	15 mm ±0,05 mm
Thickness	2x0,6 mm
Applicable standards	DVD-R 4.7 GB (D5)

Production Name: 28F2511120930
 Production Number: 16X-P221 5'54
 Module(s): 4 - DPEB2099
 Module Type(s): Pulstec DVD-R/RW PTG
 Test Template: RONC DVD-R
 Test Result: **PASS**

PASS

Stamper ID: 111102-S1
 Operator: B
 Date: 11/12/2025
 Time: 8:47:59 AM

Parameter	Min	Max	Avg	Lower	Upper	Parameter	Min	Max	Avg	Lower	Upper
PIE	13	85	29.1			I14H LV		0.19			
PIF	0	7	0.2			I14H RV	0.1	0.1	0.10	0.00	0.15
POF	0	0	0.0	0.0	0.0	I14H DV		0.19		0.000	0.330
TPP	0.133	0.233	0.1732	0.0000	0.9000	TCS	0.26	0.29	0.275	0.100	1.000
PI Sum 8	120	476	247.4	0.0	498.0	DPD Amp	0.80	0.89	0.856	0.500	1.100
I3/I14	0.25	0.31	0.293	0.150	1.000	DPD Asym	0.001	0.002	0.0014	0.0000	0.2000
I14/I14H	0.70	0.72	0.717	0.600	1.000	RRO	55	61	57.7	0.0	70.0
ASYM	-2.179	0.844	-0.5647	-15.0000	15.0000	Bottom jitter	7.30	8.06	7.736	0.000	11.000
R14H	46.20	56.88	52.925	45.000	85.000	DC Jitter	7.37	8.68	7.963		
FE	0.02	0.05	0.035			DC Neg Jitter	9.40	10.71	9.839		
RN	4.97	10.86	7.178			DC Pos Jitter	10.24	11.63	10.975		
Radial1	1.41	3.42	1.990			SVY	3.470	3.474	3.4730	3.4510	3.5240
Radial2	4.66	11.26	6.890								
DOC	0	15	2.2								
DOL	0	579	86.9								
Beta	0.04	0.13	0.083								

