

# LibDriveIO

## supported - original vendor firmware (MTK19XX): 82 firmware(s):

```
ASUS-BW-16D1H-U-A201-W000000-211601141358
ASUS-BW-16D1HT-3.00-W004504-211508101633
ASUS-BW-16D1HT-3.00-W006706-211511031110
ASUS-BW-16D1HT-3.01-W000800-211703311426
ASUS-BW-16D1HT-3.02-W000800-211711241413
HL-DT-ST-BD-RE_BE16NU50-1.00-N000800-211603171336
HL-DT-ST-BD-RE_BE16NU50-1.01-N000900-211606090920
HL-DT-ST-BD-RE_BE16NU50-1.01-N001101-211703130907
HL-DT-ST-BD-RE_BH14NS58-1.00-N004204-211512221504
HL-DT-ST-BD-RE_BH14NS58-1.00-N005405-211703101612
HL-DT-ST-BD-RE_BH16NS40-NS50-1.00-N002502-211508191146
HL-DT-ST-BD-RE_BH16NS40-NS50-1.01-N000500-211511051001
HL-DT-ST-BD-RE_BH16NS40-NS50-1.02-N000200-211512111436
HL-DT-ST-BD-RE_BH16NS40-NS50-1.02-N001901-211703101637
HL-DT-ST-BD-RE_BH16NS50-1.00-N000500-211512230930
HL-DT-ST-BD-RE_BH16NS55-1.00-N000600-211508191151
HL-DT-ST-BD-RE_BH16NS55-1.01-N000500-211511051004
HL-DT-ST-BD-RE_BH16NS55-1.02-N000200-211512111440
HL-DT-ST-BD-RE_BH16NS55-1.02-N001901-211703101630
HL-DT-ST-BD-RE_BH16NS58-1.00-N002302-211512071657
HL-DT-ST-BD-RE_BH16NS58-1.00-N006206-211512221501
HL-DT-ST-BD-RE_BH40N-A1B0-D014214-211510131446
HL-DT-ST-BD-RE_BH40N-A1B0-D015815-211703101705
HL-DT-ST-BD-RE_BP40N-GP01-V001701-211504221450
HL-DT-ST-BD-RE_BP50NB40-1.00-N002602-211409031732
HL-DT-ST-BD-RE_BP50NB40-1.00-N004304-211412161016
HL-DT-ST-BD-RE_BP50NB40-1.00-N005505-211504221517
HL-DT-ST-BD-RE_BP50NB40-NB50-1.00-N000900-211609091048
HL-DT-ST-BD-RE_BP50NB40-NB50-1.00-N002802-211702151837
HL-DT-ST-BD-RE_BP55EB40-1.00-N001501-211504221534
HL-DT-ST-BD-RE_BP55EB40-NB50-1.00-N000700-211701030941
HL-DT-ST-BD-RE_BP55EB40-NB50-1.00-N002802-211702151828
HL-DT-ST-BD-RE_BU10N-GS01-V001701-211305020921
HL-DT-ST-BD-RE_BU20N-1.00-G002202-211405090917
HL-DT-ST-BD-RE_BU20N-1.00-G004504-211412160950
HL-DT-ST-BD-RE_BU20N-1.00-G005705-211504221429
HL-DT-ST-BD-RE_BU20N-1.00-N005305-211504211939
HL-DT-ST-BD-RE_BU20N-A100-D00D60D-211507301534
HL-DT-ST-BD-RE_BU20N-A101-D000100-211602241144
HL-DT-ST-BD-RE_BU20N-EB02-C000400-211610101049
HL-DT-ST-BD-RE_BU20N-EB02-C000900-211412181002
HL-DT-ST-BD-RE_BU20N-T.02-V001301-211405091428
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HL-DT-ST-BD-RE_BU30N-BU30-0217-N000700-211603081656
HL-DT-ST-BD-RE_BU40N-1.00-N003103-211612201528
HL-DT-ST-BD-RE_BU40N-1.00-R002202-211609090954
HL-DT-ST-BD-RE_BU40N-1.00-R004504-211703231903
HL-DT-ST-BD-RE_BU40N-1.01-N000000-211706291017
HL-DT-ST-BD-RE_BU40N-A100-D031531-211608041137
HL-DT-ST-BD-RE_BU40N-A100-D032232-211701021159
HL-DT-ST-BD-RE_BU40N-A101-D000700-211703131630
HL-DT-ST-BD-RE_BU40N-BU10-0002602-211701060941
HL-DT-ST-BD-RE_BU40N-BU10-0003703-211705301728
HL-DT-ST-BD-RE_BU40N-FR07-J001101-211612201651
HL-DT-ST-BD-RE_BU40N-T.00-V003403-211606241658
HL-DT-ST-BD-RE_BU50N-0420-N000000-211605241901
HL-DT-ST-BD-RE_BU50N-AS00-U008408-211607291602
HL-DT-ST-BD-RE_BU50N-AS00-U00B50B-211608041424
HL-DT-ST-BD-RE_BU50N-CC01-V000700-211706280934
HL-DT-ST-BD-RE_BU50N-CCT2-V000700-211703071420
HL-DT-ST-BD-RE_BU50N-CCT5-V000700-211705182023
HL-DT-ST-BD-RE_BU50N-GE02-V000700-211705182030
HL-DT-ST-BD-RE_WH14NS40-NS50-1.00-N001401-211508180940
HL-DT-ST-BD-RE_WH14NS40-NS50-1.01-N000500-211511050956
HL-DT-ST-BD-RE_WH14NS40-NS50-1.02-N000100-211512111503
HL-DT-ST-BD-RE_WH14NS40-NS50-1.02-N001401-211703101655
HL-DT-ST-BD-RE_WH16NS40-NS50-1.00-N001401-211508180932
HL-DT-ST-BD-RE_WH16NS40-NS50-1.02-N000100-211512111459
HL-DT-ST-BD-RE_WH16NS40-NS50-1.02-N001401-211703101650
HL-DT-ST-BD-RE_WH16NS58-TST5-N000900-211708221604
HL-DT-ST-BD-RE_WH16NS60-1.00-N000500-211704251756
HL-DT-ST-BD-RE_WP50NB40-1.00-N000400-211502161437
HL-DT-ST-BD-RE_WP50NB40-1.00-N001501-211504221546
HL-DT-ST-BD-RE_WP50NB40-NB50-1.00-N000800-211701031453
HL-DT-ST-BD-RE_WP50NB40-NB50-1.00-N002802-211702151823
hp-BD-RE_BU20N-BU24-P005005-211504221344
hp-BDRW_BU20N-BW20-P017417-211412160945
hp-BDRW_BU20N-BW20-P018518-211504221413
hp_HLDS-BDRE_BU40N-BW40-P01C01C-211608101011
hp_HLDS-BDRE_BU40N-BW41-P000200-211608161528
hp_HLDS-BDRE_BU40N-BW41-P001101-211612220920
hp_HLDS-BDRE_BU50N-BW50-P01C01C-211608101014
hp_HLDS-BDRE_BU50N-BW50-P01D11D-211612221052

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**supported - original vendor firmware (Pioneer RS): 383 firmware(s):**

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PIONEER-BD-RW_BDR-XS05WF-1.41-B6BE50FD-8221ID25-20140402
PIONEER-BD-RW_BDR-XS05WF-1.42-52FCD13D-8221ID25-20230328
PIONEER-BD-RW__BDR-TD05D-1.00-8F727193-8211ID84-20120713
PIONEER-BD-RW__BDR-TD05-1.00-DCD80C11-8211ID01-20120713
PIONEER-BD-RW__BDR-TD05-1.01-2F9E9D05-8211-20130409
PIONEER-BD-RW__BDR-TD05-1.02-F9240B3B-8211-20140619
PIONEER-BD-RW__BDR-TD05-2.00-5685B301-8211ID72-20120810

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PIONEER-BD-RW\_\_BDR-XD05-1.10-D128E715-8231-20130424  
PIONEER-BD-RW\_\_BDR-XD05-1.20-B4E69320-8231ID69-20131111  
PIONEER-BD-RW\_\_BDR-XD05-1.20-F4216DE2-8231-20131115  
PIONEER-BD-RW\_\_BDR-XD05-1.21-2D22701B-8231-20140402  
PIONEER-BD-RW\_\_BDR-XD05-1.21-9D827504-8231ID69-20140402  
PIONEER-BD-RW\_\_BDR-XD05-2.00-D0361B05-8231ID32-20140708  
PIONEER-BD-RW\_\_BDR-XD05-2.10-F235B209-8232ID32-20170622  
PIONEER-BD-RW\_\_BDR-XD05-3.00-65519583-8231ID34-20140730  
PIONEER-BD-RW\_\_BDR-XD05-3.01-5FB5DFEE-8231ID34-20141226  
PIONEER-BD-RW\_\_BDR-XD05-3.10-1D3C06AA-8232ID35-20170622  
PIONEER-BD-RW\_\_BDR-XD05-3.10-F3AA96E0-8232ID34-20170622  
PIONEER-BD-RW\_\_BDR-XD05-3.11-19D6487B-8232ID34-20230303  
PIONEER-BD-RW\_\_BDR-XS05-1.10-6BD7E393-8221-20130627  
PIONEER-BD-RW\_\_BDR-XS05-1.41-458975F0-8221ID69-20140402  
PIONEER-BD-RW\_\_BDR-XS05-1.41-94681536-8221-20140402  
PIONEER-BD-RW\_\_BDR-XS05-1.42-FC8D2C2B-8221ID69-20230307  
PIONEER-BD-RW\_\_BDR-208-1.40-3D1502C6-8301ID81-20140306  
PIONEER-BD-RW\_\_BDR-208-1.50-7BDE40E4-8301ID81-20150924  
PIONEER-BD-RW\_\_BDR-208D-1.10-C35BFB0B-8301ID61-20120822  
PIONEER-BD-RW\_\_BDR-208D-1.40-79FD6F6F-8301ID61-20140306  
PIONEER-BD-RW\_\_BDR-208D-1.50-100E7E06-8301ID61-20150924  
PIONEER-BD-RW\_\_BDR-208M-1.10-0F0A2D45-8301-20120822  
PIONEER-BD-RW\_\_BDR-208M-1.10-8740B0FB-8301ID60-20120822  
PIONEER-BD-RW\_\_BDR-208M-1.10-BAD6EC01-8301ID58-20120822  
PIONEER-BD-RW\_\_BDR-208M-1.40-83BE4C7D-8301-20140306  
PIONEER-BD-RW\_\_BDR-208M-1.40-B0091F61-8301ID60-20140306  
PIONEER-BD-RW\_\_BDR-208M-1.40-E6EF5E2A-8301ID58-20140306  
PIONEER-BD-RW\_\_BDR-208M-1.50-1FBF1A91-8301-20150924  
PIONEER-BD-RW\_\_BDR-208M-1.50-29298241-8301ID60-20150924  
PIONEER-BD-RW\_\_BDR-208M-1.50-52C83D93-8301ID58-20150924  
PIONEER-BD-RW\_\_BDR-208M-1.51-836BAB51-8301ID60-20230227  
PIONEER-BD-RW\_\_BDR-208M-1.51-9390794C-8301ID58-20230227  
PIONEER-BD-RW\_\_BDR-S08-1.10-4514FEB6-8301ID43-20120828  
PIONEER-BD-RW\_\_BDR-S08-1.30-E47AEF8C-8301ID43-20130708  
PIONEER-BD-RW\_\_BDR-S08-1.40-7B710936-8301ID43-20140306  
PIONEER-BD-RW\_\_BDR-S08-1.50-5163944A-8301ID43-20150924  
PIONEER-BD-RW\_\_BDR-S08-1.51-9F6F9C71-8301ID43-20230227  
PIONEER-BD-RW\_\_BDR-XD05-1.22-1956B79A-8231ID69-20230302  
PIONEER-BD-RW\_\_BDR-XD05-2.11-C2A2EDAC-8232ID32-20230303  
PIONEER-BD-RW\_\_BDR-XD05-3.11-C3C882FD-8232ID35-20230303  
PIONEER-BD-ROM\_\_BDC-UD02-1.00-9EE1C4B1-8490ID01-20121018  
PIONEER-BD-RW\_\_BDR-XU02JM-1.02-C0DAB4B1-8420ID02-20150428  
PIONEER-BD-RW\_\_BDR-UD02D-1.00-6AC7EE91-8410ID84-20130321  
PIONEER-BD-RW\_\_BDRUD02AS-1.01-4BF8CFFD-8410ID23-20131204  
PIONEER-BD-RW\_\_BDR-UD02-1.00-3F2D4DE0-8410ID01-20121018  
PIONEER-BD-RW\_\_BDR-UD02-1.00-544B8C03-8410ID19-20120823  
PIONEER-BD-RW\_\_BDR-XU02-1.13-A921893B-8420-20150428  
PIONEER-BD-RW\_\_BDR-XU03JM-1.04-8BDA3B5F-8520ID02-20230313  
PIONEER-BD-RW\_\_BDR-UD03D-1.00-6B6F48FD-8510ID84-20140514  
PIONEER-BD-RW\_\_BDR-XU03J-1.03-891BC34A-8520ID69-20150629  
PIONEER-BD-RW\_\_BDR-XU03J-1.05-17BC64F2-8520ID69-20230308

PIONEER-BD-RW\_\_BDRUD03AS-1.00-27217C79-8510ID23-20140401  
PIONEER-BD-RW\_\_BDR-UD03-1.00-9E3A79AB-8510ID19-20130809  
PIONEER-BD-RW\_\_BDR-UD03-1.03-902EEB30-8510ID19-20150514  
PIONEER-BD-RW\_\_BDR-UD03-1.05-E49B95C0-8510-20151124  
PIONEER-BD-RW\_\_BDR-UD03-1.10-A059FCFD-8511-20170418  
PIONEER-BD-RW\_\_BDR-UD03-1.11-A522092F-8511-20181128  
PIONEER-BD-RW\_\_BDR-UD03-1.14-F39BF9BC-8511-20200615  
PIONEER-BD-RW\_\_BDR-XU03-1.03-A2589FEC-8520-20150629  
PIONEER-BD-RW\_\_BDR-S09JX-1.31-86811DD1-8600ID72-20150525  
PIONEER-BD-RW\_\_BDR-S09JX-1.32-6A5E6CDC-8600ID72-20150825  
PIONEER-BD-RW\_\_BDR-S09JX-1.33-F171979C-8600ID72-20151209  
PIONEER-BD-RW\_\_BDR-S09JX-1.34-4B10A330-8600ID72-20160425  
PIONEER-BD-RW\_\_BDR-S09JX-1.50-2DB8CDB7-8600ID72-20171221  
PIONEER-BD-RW\_\_BDR-S09JX-1.51-87336E5B-8600ID72-20180508  
PIONEER-BD-RW\_\_BDR-S09JX-1.52-984EC28B-8600ID72-20190111  
PIONEER-BD-RW\_\_BDR-S09JX-1.54-1C240838-8600ID72-20200721  
PIONEER-BD-RW\_\_BDR-S09JX-1.55-D6CDF9AC-8600ID72-20230216  
PIONEER-BD-RW\_\_BDR-209-1.20-81DE65E2-8600ID81-20140408  
PIONEER-BD-RW\_\_BDR-209-1.30-617FCF6E-8600ID81-20141205  
PIONEER-BD-RW\_\_BDR-209-1.31-EBFDDAB0-8600ID81-20150525  
PIONEER-BD-RW\_\_BDR-209-1.32-7A3EB286-8600ID81-20150825  
PIONEER-BD-RW\_\_BDR-209-1.33-A2F4E5CF-8600ID81-20151209  
PIONEER-BD-RW\_\_BDR-209-1.34-5FE47591-8600ID81-20160425  
PIONEER-BD-RW\_\_BDR-209-1.50-3269FF97-8600ID81-20171221  
PIONEER-BD-RW\_\_BDR-209-1.51-43826180-8601ID81-20180508  
PIONEER-BD-RW\_\_BDR-209-1.51-D8A59209-8600ID81-20180508  
PIONEER-BD-RW\_\_BDR-209D-1.10-44290838-8600ID61-20130910  
PIONEER-BD-RW\_\_BDR-209D-1.20-90EB76E2-8600ID61-20140408  
PIONEER-BD-RW\_\_BDR-209D-1.30-6901C899-8600ID61-20141205  
PIONEER-BD-RW\_\_BDR-209D-1.31-8CF13BF3-8600ID61-20150525  
PIONEER-BD-RW\_\_BDR-209D-1.32-F3AD8FFF-8600ID61-20150825  
PIONEER-BD-RW\_\_BDR-209D-1.33-CC733748-8600ID61-20151209  
PIONEER-BD-RW\_\_BDR-209D-1.34-FCF25369-8600ID61-20160425  
PIONEER-BD-RW\_\_BDR-209D-1.50-7F6800F0-8600ID61-20171221  
PIONEER-BD-RW\_\_BDR-209D-1.50-F67F9D64-8601ID61-20171221  
PIONEER-BD-RW\_\_BDR-209D-1.51-148709AB-8600ID61-20180508  
PIONEER-BD-RW\_\_BDR-209D-1.51-664813FF-8601ID61-20180508  
PIONEER-BD-RW\_\_BDR-209M-1.10-C441B62A-8600ID60-20130910  
PIONEER-BD-RW\_\_BDR-209M-1.20-52328626-8600-20140408  
PIONEER-BD-RW\_\_BDR-209M-1.20-5FF17367-8600ID58-20140408  
PIONEER-BD-RW\_\_BDR-209M-1.20-D1B39D1C-8600ID60-20140408  
PIONEER-BD-RW\_\_BDR-209M-1.30-3963D829-8600-20141205  
PIONEER-BD-RW\_\_BDR-209M-1.30-8AB26DA4-8600ID58-20141205  
PIONEER-BD-RW\_\_BDR-209M-1.30-CF3C8A07-8600ID60-20141205  
PIONEER-BD-RW\_\_BDR-209M-1.31-05D1FFCC-8600ID58-20150525  
PIONEER-BD-RW\_\_BDR-209M-1.31-6A320FF5-8600-20150525  
PIONEER-BD-RW\_\_BDR-209M-1.31-EF8C9405-8600ID60-20150525  
PIONEER-BD-RW\_\_BDR-209M-1.32-1DB7D5CF-8600-20150825  
PIONEER-BD-RW\_\_BDR-209M-1.32-83131CAD-8600ID58-20150825  
PIONEER-BD-RW\_\_BDR-209M-1.32-8DA82B4D-8600ID60-20150825  
PIONEER-BD-RW\_\_BDR-209M-1.33-066E4E6C-8600ID58-20151209

PIONEER-BD-RW\_\_BDR-209M-1.33-6AFEC12B-8600ID60-20151209  
PIONEER-BD-RW\_\_BDR-209M-1.33-94F4337C-8600-20151209  
PIONEER-BD-RW\_\_BDR-209M-1.34-0272A73D-8600-20160425  
PIONEER-BD-RW\_\_BDR-209M-1.34-C20F2E95-8600ID60-20160425  
PIONEER-BD-RW\_\_BDR-209M-1.34-F687C68A-8600ID58-20160425  
PIONEER-BD-RW\_\_BDR-209M-1.50-211A9772-8600-20171221  
PIONEER-BD-RW\_\_BDR-209M-1.50-24E51C0C-8600ID58-20171221  
PIONEER-BD-RW\_\_BDR-209M-1.50-95A0C8DF-8601ID60-20171221  
PIONEER-BD-RW\_\_BDR-209M-1.50-9D6A6DAD-8600ID60-20171221  
PIONEER-BD-RW\_\_BDR-209M-1.51-388F93C7-8601ID60-20180508  
PIONEER-BD-RW\_\_BDR-209M-1.51-7961AC0B-8600ID60-20180508  
PIONEER-BD-RW\_\_BDR-209M-1.51-B3D6CC1C-8600ID58-20180508  
PIONEER-BD-RW\_\_BDR-209M-1.51-C74EAD09-8600-20180508  
PIONEER-BD-RW\_\_BDR-209M-1.52-8706173F-8600ID58-20190111  
PIONEER-BD-RW\_\_BDR-209M-1.52-EF61A725-8601ID60-20190111  
PIONEER-BD-RW\_\_BDR-209M-1.52-FFD20FFB-8600ID60-20190111  
PIONEER-BD-RW\_\_BDR-209M-1.54-1D807079-8601ID60-20200721  
PIONEER-BD-RW\_\_BDR-209M-1.54-8538B3B7-8600ID60-20200721  
PIONEER-BD-RW\_\_BDR-209M-1.54-D741421C-8600ID58-20200721  
PIONEER-BD-RW\_\_BDR-209M-1.55-164AE2C5-8600ID58-20230216  
PIONEER-BD-RW\_\_BDR-209M-1.55-4CF66C4B-8600ID60-20230216  
PIONEER-BD-RW\_\_BDR-209M-1.55-A866E45D-8601ID60-20230203  
PIONEER-BD-RW\_\_BDR-209M-8.11-4B155CED-8600ID52-20140116  
PIONEER-BD-RW\_\_BDR-209M-8.50-FDCF3D4E-8601ID52-20171221  
PIONEER-BD-RW\_\_BDR-S09-1.10-3F9C188D-8600ID43-20131015  
PIONEER-BD-RW\_\_BDR-S09-1.20-B23B14F9-8600ID43-20140408  
PIONEER-BD-RW\_\_BDR-S09-1.30-057E2FC3-8600ID43-20141205  
PIONEER-BD-RW\_\_BDR-S09-1.31-8D601423-8600ID43-20150525  
PIONEER-BD-RW\_\_BDR-S09-1.32-8F7EC102-8600ID43-20150825  
PIONEER-BD-RW\_\_BDR-S09-1.33-E5520C71-8600ID43-20151209  
PIONEER-BD-RW\_\_BDR-S09-1.34-57B19FCF-8600ID43-20160425  
PIONEER-BD-RW\_\_BDR-S09-1.50-E675168C-8600ID43-20171221  
PIONEER-BD-RW\_\_BDR-S09-1.51-2F7262DC-8601ID43-20180508  
PIONEER-BD-RW\_\_BDR-S09-1.51-3677F22A-8600ID43-20180508  
PIONEER-BD-RW\_\_BDR-S09-1.52-AF457A03-8601ID43-20190111  
PIONEER-BD-RW\_\_BDR-S09-1.52-B9B2735B-8600ID43-20190111  
PIONEER-BD-RW\_\_BDR-S09-1.54-16A43563-8601ID43-20200721  
PIONEER-BD-RW\_\_BDR-S09-1.54-7E7BBB7B-8600ID43-20200721  
PIONEER-BD-RW\_\_BDR-S09-1.55-9A434554-8601ID43-20230203  
PIONEER-BD-RW\_\_BDR-S09-1.55-B646650C-8600ID43-20230216  
PIONEER-BD-RW\_\_BDR-XS06JL-1.10-8AE8B9AB-8722ID03-20170622  
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PIONEER-BD-RW\_\_BDR-XS06-1.01-89148930-8721-20150324  
PIONEER-BD-RW\_\_BDR-XS06-1.10-21C6167D-8722-20170622  
PIONEER-BD-RW\_\_BDR-XS06-1.10-50D93BD9-8722ID69-20170622  
PIONEER-BD-RW\_\_BDR-XS06-1.11-8A13909D-8722ID69-20230116  
PIONEER-BD-RW\_\_BDR-XS06-1.11-D1C9D539-8722-20230116  
PIONEER-BD-RW\_\_BDR-WX1DM-1.00-4F4BED7B-8801ID36-20221025

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PIONEER-BD-RW\_\_BDR-S11JX-1.51-F362267E-8801ID72-20180508  
PIONEER-BD-RW\_\_BDR-S11JX-1.52-124CD3F1-8800ID72-20190111  
PIONEER-BD-RW\_\_BDR-S11JX-1.52-8706F7EA-8801ID72-20190111  
PIONEER-BD-RW\_\_BDR-S11JX-1.53-0CAB0042-8801ID72-20200803  
PIONEER-BD-RW\_\_BDR-S11JX-1.53-DF931D24-8800ID72-20200803  
PIONEER-BD-RW\_\_BDR-S11JX-1.54-1A867E4C-8801ID72-20230123  
PIONEER-BD-RW\_\_BDR-S11JX-1.54-1D7AD494-8800ID72-20230208  
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PIONEER-BD-RW\_\_BDR-211M-1.50-5BE18B0F-8800ID58-20171221  
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PIONEER-BD-RW\_\_BDR-211M-1.50-FC4245B7-8800ID60-20171221  
PIONEER-BD-RW\_\_BDR-211M-1.51-0BBF4615-8800ID60-20180508  
PIONEER-BD-RW\_\_BDR-211M-1.51-2689307C-8801-20180508  
PIONEER-BD-RW\_\_BDR-211M-1.51-4C1159D3-8800-20180508  
PIONEER-BD-RW\_\_BDR-211M-1.51-8A93799D-8801ID58-20180508  
PIONEER-BD-RW\_\_BDR-211M-1.51-B020FFBA-8800ID58-20180508  
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PIONEER-BD-RW\_\_BDR-211M-1.52-BCE8CAB4-8801ID58-20190111  
PIONEER-BD-RW\_\_BDR-211M-1.52-D8162CDD-8800ID58-20190111  
PIONEER-BD-RW\_\_BDR-211M-1.52-DA133C56-8800ID60-20190111  
PIONEER-BD-RW\_\_BDR-211M-1.53-326AC898-8801ID60-20200803  
PIONEER-BD-RW\_\_BDR-211M-1.53-6FBA3899-8800ID60-20200803  
PIONEER-BD-RW\_\_BDR-211M-1.53-BC596F5C-8801ID58-20200803  
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PIONEER-BD-RW\_\_BDR-S11-1.52-0400B8D9-8801ID43-20190111  
PIONEER-BD-RW\_\_BDR-S11-1.52-7987B01B-8800ID43-20190111  
PIONEER-BD-RW\_\_BDR-S11-1.53-341479DB-8800ID43-20200803  
PIONEER-BD-RW\_\_BDR-S11-1.53-D92F3D6B-8801ID43-20200803  
PIONEER-BD-RW\_\_BDR-S11-1.54-200D66C9-8800ID43-20230208  
PIONEER-BD-RW\_\_BDR-S11-1.54-328C9BB4-8801ID43-20230123  
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PIONEER-BD-RW\_\_BDR-UD04-1.00-4B3560E3-8A10-20170210  
PIONEER-BD-RW\_\_BDR-UD04-1.10-431D03CF-8A10-20170425  
PIONEER-BD-RW\_\_BDR-UD04-1.11-72FD7DDB-8A10-20181128  
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PIONEER-BD-RW\_\_BDR-UD04-1.21-96EC3DA5-8A10ID19-20180426

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PIONEER-BD-RW\_\_BDR-S12JX-1.03-F2B2A100-8F01ID72-20221013

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PIONEER-BD-RW\_\_BDR-212D-1.00-52E9FE5C-8F00ID61-20190110  
PIONEER-BD-RW\_\_BDR-212D-1.01-F567BFF5-8F00ID61-20200721  
PIONEER-BD-RW\_\_BDR-212D-1.02-22C9CC74-8F00ID61-20220316  
PIONEER-BD-RW\_\_BDR-212D-1.03-91B6BA99-8F00ID61-20221013  
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PIONEER-BD-RW\_\_BDR-S12U-1.01-1C080B0C-8F01ID43-20200721  
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PIONEER-BD-RW\_\_BDR-X12-1.03-F01BF4EF-9000ID56-20200805  
PIONEER-BD-RW\_\_BDR-X12-1.03-F6C83C2C-9000ID15-20200805  
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PIONEER-BD-RW\_\_BDR-X12-1.06-E655F32A-9000ID56-20221220  
PIONEER-BD-RW\_\_BDR-X12-1.07-A857DC00-9000ID15-20230801  
PIONEER-BD-RW\_\_BDR-X12U-1.02-6149B820-9001ID43-20200122  
PIONEER-BD-RW\_\_BDR-X12U-1.03-31D36981-9001ID43-20200805  
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PIONEER-BD-RW\_\_BDR-X12U-1.06-176813DE-9001ID43-20221220  
PIONEER-BD-RW\_\_BDR-X12U-1.07-E01E5D32-9001ID43-20230801  
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PIONEER-BD-RW\_\_BDR-S13JX-1.04-B3338427-9201ID72-20221212

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PIONEER-BD-RW\_\_BDR-213M-1.05-46DB8D4C-9200ID56-20230801  
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PIONEER-BD-RW\_\_BDR-AD08-1.01-B38B9466-9330ID32-20221011  
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PIONEER-BD-RW\_\_BDR-XD08-1.00-93E02B4C-9330ID36-20210322  
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PIONEER-BD-RW\_\_BDR-XD08-1.02-F9A908B9-9330ID36-20221227  
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PIONEER-BD-RW\_\_BDR-XD08-1.04-AFB1246B-9330ID35-20241009  
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PIONEER-BD-RW\_\_BDR-X13-1.03-BB49ED7A-9400ID56-20221212  
PIONEER-BD-RW\_\_BDR-X13-1.04-DE82C220-9400ID56-20230801  
PIONEER-BD-RW\_\_BDR-X13-1.04-DEA61B13-9400ID15-20230801  
PIONEER-BD-RW\_\_BDR-X13U-1.01-03AF521E-9401ID43-20220210  
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PIONEER-BD-RW\_\_BDR-X13U-1.02-E6B2C0F6-9401ID43-20220726  
PIONEER-BD-RW\_\_BDR-X13U-1.03-AE4007A4-9401ID43-20221212  
PIONEER-BD-RW\_\_BDR-X13U-1.03-D9E26B6B-9401ID29-20221212  
PIONEER-BD-RW\_\_BDR-X13U-1.04-0C172FDF-9401ID43-20230801  
PIONEER-BD-RW\_\_BDR-X13U-1.04-5BAD7675-9401ID29-20230801  
PIONEER-BD-RW\_\_BDR-X13X-1.04-CB1C42F8-9401ID10-20230801  
PIONEER-BD-RW\_\_BDR-XS08U-1.00-87FED491-9621ID69-20221011  
PIONEER-BD-RW\_\_BDR-XS08U-1.01-5388C36A-9621ID69-20221227  
PIONEER-BD-RW\_\_BDR-XS08U-1.03-3F701552-9621ID69-20241009  
ASUS-BW-12D1S-U-E301-82D4D675-8301ID71-20130225

ASUS-BW-12D1S-U-E401-25424135-8600ID44-20130910  
ASUS-BW-12D1S-U-E402-81C0FD1C-8600ID44-20180115  
ASUS-BW-12D1S-U-E411-E3916CB0-8601ID44-20171221  
ASUS-BW-16D1H-U-E104-095E2160-8600ID71-20170614  
ASUS-BW-16D1H-U-E114-968CF7BA-8601ID71-20171221  
ASUS-BW-16D1H-U-E115-D93DA305-8F00ID71-20190307  
ASUS-BW-16D1H-U-E116-D0CE65A7-8F00ID71-20200721  
ASUS-BW-16D1X-U-E101-2AD78862-8600ID76-20151020  
ASUS-BW-16D1X-U-E102-523563E4-8600ID76-20180115  
ASUS-BW-16D1X-U-E102-628CCEAB-8600ID76-20170115  
ASUS-BW-16D1X-U-E111-95C4500C-8601ID76-20171221  
ASUS-BW-16D1X-U-E113-05C95848-8F00ID76-20200721  
ASUS-SBC-06D2X-U-1.03-4708C895-8590ID22-20161216  
ASUS-SBC-06D2X-U-1.10-A05DF1FA-8591ID22-20170418  
ASUS-SBW-06D2X-U-1.03-19A80D16-8510ID22-20161216  
ASUS-SBW-06D2X-U-1.10-9C3BA3C8-8510ID22-20170418  
ASUS-SBW-06D5H-U-E101-3F03CED5-8511ID26-20180822  
ASUS-SBW-06D5H-U-E102-85EB82CA-8511ID26-20230420  
PIONEER-BDW-PR1EPDVP100-1.00-C17EC4E7-8680ID79-20151127

**supported - original vendor firmware (old type, MTK19XX): 65 firmware(s):**

ASUS-BC-12B1ST\_b-1.00-\_130614-x-211306141158  
ASUS-BC-12B1ST\_b-3.00-W004704-211512151340  
ASUS-BC-12D2HT-1.00-\_130614-x-211306141200  
ASUS-BC-12D2HT-3.00-W004704-211512091147  
ASUS-BW-12B1ST\_a-1.00-E101701-211304231147  
ASUS-BW-14D1XT-1.00-M103703-210000000000  
ASUS-BW-16D1H-U-A101-W000600-211412080959  
ASUS-BW-16D1HT-1.01-W100600-211302051930  
HL-DT-ST-BD-RE\_BE14NU40-1.00-N0G43G4-211206262029  
HL-DT-ST-BD-RE\_BE14NU40-1.01-N001601-211406161935  
HL-DT-ST-BD-RE\_BE14NU40-1.01-N003803-211406251441  
HL-DT-ST-BD-RE\_BE14NU40-1.01-N005905-211408221631  
HL-DT-ST-BD-RE\_BH14NS40-1.00-N1A11A1-211201171401  
HL-DT-ST-BD-RE\_BH14NS40-1.00-N1A37A3-211205021346  
HL-DT-ST-BD-RE\_BH14NS40-1.00-N1A44A4-211206161823  
HL-DT-ST-BD-RE\_BH14NS40-1.01-N1A12A1-211304042319  
HL-DT-ST-BD-RE\_BH14NS40-1.02-N0A02A0-211312061453  
HL-DT-ST-BD-RE\_BH14NS40-1.03-N0A09A0-211405071012  
HL-DT-ST-BD-RE\_BH14NS48-1.00-N1A44A4-211206161825  
HL-DT-ST-BD-RE\_BH14NS48-1.01-N1A03A0-210000000000  
HL-DT-ST-BD-RE\_BH14NS48-1.02-N1A12A1-211304042322  
HL-DT-ST-BD-RE\_BH14NS48-1.03-N0A02A0-211312061510  
HL-DT-ST-BD-RE\_BH16NS40-1.00-N1A29A2-211210311917  
HL-DT-ST-BD-RE\_BH16NS40-1.01-N1A12A1-211304042250  
HL-DT-ST-BD-RE\_BH16NS40-1.02-N0A02A0-211312061535  
HL-DT-ST-BD-RE\_BH16NS40-1.03-N0A03A0-211403261115  
HL-DT-ST-BD-RE\_BH16NS40-1.03-N0C06C0-211505261714  
HL-DT-ST-BD-RE\_BH16NS48-1.00-N1A29A2-211210311913

HL-DT-ST-BD-RE\_BH16NS48-1.01-N1A12A1-211304042252  
HL-DT-ST-BD-RE\_BH16NS48-1.02-N0A02A0-211312061545  
HL-DT-ST-BD-RE\_BH40N-A102-D0A22A2-211303262335  
HL-DT-ST-BD-RE\_BH40N-AS00-U101901-211304242023  
HL-DT-ST-BD-RE\_WH14NS40-1.00-N1A26A2-211202091126  
HL-DT-ST-BD-RE\_WH14NS40-1.00-N1A37A3-211204261630  
HL-DT-ST-BD-RE\_WH14NS40-1.00-N1A44A4-211206161828  
HL-DT-ST-BD-RE\_WH14NS40-1.01-N1A12A1-211304042325  
HL-DT-ST-BD-RE\_WH14NS40-1.02-N0A02A0-211312061523  
HL-DT-ST-BD-RE\_WH14NS40-1.03-N0A09A0-211403261105  
HL-DT-ST-BD-RE\_WH14NS40-1.03-N0C08C0-211505261653  
HL-DT-ST-BD-RE\_WH14NS40-1514-N100400-211205301654  
HL-DT-ST-BD-RE\_WH16NS40-1.00-N1A12A1-211304041441  
HL-DT-ST-BD-RE\_WH16NS40-1.01-N0A02A0-211312061658  
HL-DT-ST-BD-RE\_WH16NS40-1.02-N0A00A0-211405071026  
HL-DT-ST-BD-RE\_WH16NS40-1.02-N0C00C0-211505261638  
HL-DT-ST-BD-RE\_WH16NS48-1.D3-N000700-211602041103  
HL-DT-ST-BD-RE\_WH16NS48-TSTQ-N000500-211508121144  
HL-DT-ST-BDDVDRW\_CH12NS30-1.00-N0A13A1-211303221728  
HL-DT-ST-BDDVDRW\_CH12NS30-1.00-N0A20A2-211306131532  
HL-DT-ST-BDDVDRW\_CH12NS30-1.01-N0A02A0-211312061614  
HL-DT-ST-BDDVDRW\_CH12NS30-1.02-N0A05A0-211404241908  
HL-DT-ST-BDDVDRW\_CH12NS40-1.00-N002202-211602231047  
HL-DT-ST-BDDVDRW\_CH30N-AS00-S002102-211306141459  
HL-DT-ST-BDDVDRW\_CP50NS20-1.00-N004904-211409041512  
HL-DT-ST-BDDVDRW\_CP50NS20-1.00-N007307-211412161028  
HL-DT-ST-BDDVDRW\_CU20N-1.00-N003203-211412161022  
HL-DT-ST-BDDVDRW\_UH12NS30-1.00-N0A13A1-211303221725  
HL-DT-ST-BDDVDRW\_UH12NS30-1.00-N0A20A2-211306131457  
HL-DT-ST-BDDVDRW\_UH12NS30-1.01-N0A02A0-211312061625  
HL-DT-ST-BDDVDRW\_UH12NS30-1.02-N0A04A0-211403261141  
HL-DT-ST-BDDVDRW\_UH12NS30-1.03-N0A05A0-211404241900  
HL-DT-ST-BDDVDRW\_UH12NS40-1.00-N000200-211602231042  
HL-DT-ST-DVDRWBD\_CH30N-A101-D000300-210000000000  
hp-BD-RE\_BH40N-B7C6-P0A12A1-211303262313  
hp-BDDVDRW\_CH30L-BC56-P0B00B0-210000000000  
hp-BDDVDRW\_CU10N-B1C0-P015115-211307031530

**unsupported - old firmware type 1:29 firmware(s):**

hp-DVDWBD\_TS-LB23P-0100-0309-  
TSSTcorp-BDDVDW\_SE-506BB-TS00-02.20-  
TSSTcorp-BDDVDW\_SE-506BB-TS00-11.13-  
TSSTcorp-BDDVDW\_SE-506BB-TS01-05.21-  
TSSTcorp-BDDVDW\_SE-506CB-TS00-04.24-  
TSSTcorp-BDDVDW\_SE-506CB-TS00-12.12-  
TSSTcorp-BDDVDW\_SE-506CB-TS01-05.12-  
TSSTcorp-BDDVDW\_SE-506CB-TS01-05.28-  
TSSTcorp-BDDVDW\_SE-506CB-TS02-01.07-  
TSSTcorp-BDDVDW\_SN-506BB-AF04-04.22-

TSSTcorp-BDDVDW\_SN-506BB-GT01-01.31-  
 TSSTcorp-BDDVDW\_SN-506BB-GT03-07.31-  
 TSSTcorp-BDDVDW\_SN-506BB-GT06-01.05-  
 TSSTcorp-BDDVDW\_SN-506BB-GT08-06.17-  
 TSSTcorp-BDDVDW\_SN-506BB-JF01-11.27-  
 TSSTcorp-BDDVDW\_SN-506BB-SB00-07.10-  
 TSSTcorp-BDDVDW\_SN-506BB-SB00-11.13-  
 TSSTcorp-BDDVDW\_SN-506BB-TM01-09.23-  
 TSSTcorp-BDDVDW\_SN-506BB-TM01-12.11-  
 TSSTcorp-DVDWBD\_SE-406AB-TS00-04.20-  
 TSSTcorp-DVDWBD\_SH-B123A-MD03-03.31-  
 TSSTcorp-DVDWBD\_SH-B123A-SB03-12.03-  
 TSSTcorp-DVDWBD\_SH-B123A-SB04-03.31-  
 TSSTcorp-DVDWBD\_SH-B123L-SB00-05.11-  
 TSSTcorp-DVDWBD\_SH-B123L-SB02-08.16-  
 TSSTcorp-DVDWBD\_SH-B123L-SB03-12.03-  
 TSSTcorp-DVDWBD\_SH-B123L-SB04-03.31-  
 TSSTcorp-DVDWBD\_TS-LB23D-LB12-\_0321-  
 TSSTcorp-DVDWBD\_TS-LB23D-SC02-06.07-

**unsupported - old firmware type 2: 10 firmware(s):**

hp-DVDWBD\_SN-406AB-HH01-0116-  
 TSSTcorp-BDDVDW\_SE-506AB-TS00-09.06-  
 TSSTcorp-BDDVDW\_SE-506AB-TS01-01.31-  
 TSSTcorp-BDDVDW\_SN-506AB-SB00-01.31-  
 TSSTcorp-DVDWBD\_SN-406AB-AS01-09.25-  
 TSSTcorp-DVDWBD\_SN-406AB-AS02-03.05-  
 TSSTcorp-DVDWBD\_SN-406AB-SB00-10.05-  
 TSSTcorp-DVDWBD\_SN-406AB-SC00-06.18-  
 TSSTcorp-DVDWBD\_SN-406AB-TM00-07.11-  
 TSSTcorp-DVDWBD\_SN-406AB-TM01-05.15-

**upgrade required - MK firmware available: 79 firmware(s):**

ASUS-BC-12B1ST\_b-3.01-W000900-211711291725  
 ASUS-BC-12B1ST\_b-3.11-W000300-211902271321  
 ASUS-BC-12D2HT-3.01-W000900-211711151926  
 ASUS-BC-12D2HT-3.11-W000300-211902271319  
 ASUS-BW-16D1H-U-A203-W001501-211801111117  
 ASUS-BW-16D1H-U-A204-W001001-211901041044  
 ASUS-BW-16D1HT-3.03-W000000-211801191558  
 ASUS-BW-16D1HT-3.10-W001601-211901041014  
 ASUS-BW-16D1X-U-A104-W001001-211901041047  
 HL-DT-ST-BD-RE\_BE16NU50-1.02-N000500-211711201953  
 HL-DT-ST-BD-RE\_BE16NU50-1.04-N000300-212005081025  
 HL-DT-ST-BD-RE\_BH14NS50-1.01-N000000-211711281847  
 HL-DT-ST-BD-RE\_BH14NS50-1.03-N000400-212004211008

HL-DT-ST-BD-RE\_BH14NS58-1.01-N000500-211711161557  
HL-DT-ST-BD-RE\_BH16NS40-NS50-1.03-N000000-211711201943  
HL-DT-ST-BD-RE\_BH16NS40-NS50-1.04-N001701-211901041338  
HL-DT-ST-BD-RE\_BH16NS40-NS50-1.05-N000600-212005061331  
HL-DT-ST-BD-RE\_BH16NS50-1.01-N000000-211712071200  
HL-DT-ST-BD-RE\_BH16NS50-1.03-N000400-212004210958  
HL-DT-ST-BD-RE\_BH16NS55-1.03-N000000-211711201704  
HL-DT-ST-BD-RE\_BH16NS55-1.04-N001701-211901041342  
HL-DT-ST-BD-RE\_BH16NS55-1.05-N000400-212004211049  
HL-DT-ST-BD-RE\_BH16NS58-1.01-N000500-211711161545  
HL-DT-ST-BD-RE\_BH16NS58-1.02-N001101-211901041359  
HL-DT-ST-BD-RE\_BH16NS60-1.00-N000500-211804030945  
HL-DT-ST-BD-RE\_BH16NS60-1.02-N000600-212005081014  
HL-DT-ST-BD-RE\_BP50NB40-NB50-1.01-N000200-211711231615  
HL-DT-ST-BD-RE\_BP50NB40-NB50-1.02-N000700-211811011016  
HL-DT-ST-BD-RE\_BP50NB40-NB50-1.03-N000800-212005070917  
HL-DT-ST-BD-RE\_BP50NB40-NB52-1.03-N000300-212107081603  
HL-DT-ST-BD-RE\_BP55EB40-NB50-1.01-N000200-211711231626  
HL-DT-ST-BD-RE\_BP55EB40-NB50-1.02-N000700-211811011033  
HL-DT-ST-BD-RE\_BP55EB40-NB50-1.02-N001801-211905031515  
HL-DT-ST-BD-RE\_BP55EB40-NB50-1.03-N000800-212005070924  
HL-DT-ST-BD-RE\_BP60NB10-1.00-N000200-211711211720  
HL-DT-ST-BD-RE\_BP60NB10-1.01-N001801-211905031534  
HL-DT-ST-BD-RE\_BP60NB10-1.02-N000800-212005070935  
HL-DT-ST-BD-RE\_BP60NB10-NB12-1.02-N000300-212107081556  
HL-DT-ST-BD-RE\_BP71N-1.00-S002602-212008050903  
HL-DT-ST-BD-RE\_BP71N-1.01-S000800-212009071143  
HL-DT-ST-BD-RE\_BU40N-1.01-R000000-211712221221  
HL-DT-ST-BD-RE\_BU40N-1.01-R001801-211910161032  
HL-DT-ST-BD-RE\_BU40N-1.02-N000100-211711202017  
HL-DT-ST-BD-RE\_BU40N-1.02-N001201-211711301218  
HL-DT-ST-BD-RE\_BU40N-1.02-R000200-212012011716  
HL-DT-ST-BD-RE\_BU40N-1.03-N000000-211810241934  
HL-DT-ST-BD-RE\_BU40N-1.04-N000500-212005061142  
HL-DT-ST-BD-RE\_BU40N-BN11-0000300-211711201351  
HL-DT-ST-BD-RE\_BU40N-BN12-0001001-211905141415  
HL-DT-ST-BD-RE\_BU40N-BU12-0001001-211902230922  
HL-DT-ST-BD-RE\_BU40N-FR07-J002202-211801221536  
HL-DT-ST-BD-RE\_BU40N-U100-3001801-211910161036  
HL-DT-ST-BD-RE\_BU40N-U101-M001201-211711301153  
HL-DT-ST-BD-RE\_BU50N-1.00-N000100-211711211006  
HL-DT-ST-BD-RE\_WH14NS40-NS50-1.03-N000600-211711211658  
HL-DT-ST-BD-RE\_WH14NS40-NS50-1.04-N001201-211901041351  
HL-DT-ST-BD-RE\_WH14NS40-NS50-1.05-N000900-212005061444  
HL-DT-ST-BD-RE\_WH16NS40-NS50-1.03-N000600-211711211653  
HL-DT-ST-BD-RE\_WH16NS40-NS50-1.05-N000900-212005061440  
HL-DT-ST-BD-RE\_WH16NS58-1.V1-N002102-211711201947  
HL-DT-ST-BD-RE\_WH16NS58-1.V2-N000100-211711231023  
HL-DT-ST-BD-RE\_WH16NS58-1.V5-N000900-211802070957  
HL-DT-ST-BD-RE\_WH16NS60-1.01-N000100-211711202000  
HL-DT-ST-BD-RE\_WH16NS60-1.02-N000100-211810291936

HL-DT-ST-BD-RE\_WH16NS60-1.03-N000600-212005081010  
HL-DT-ST-BD-RE\_WP50NB40-NB50-1.01-N000200-211711231646  
HL-DT-ST-BD-RE\_WP50NB40-NB50-1.03-N000800-212005070929  
HL-DT-ST-BDDVDRW\_CH12NS40-1.01-N000400-211711211606  
HL-DT-ST-BDDVDRW\_CH12NS40-1.03-N000800-212005080957  
HL-DT-ST-BDDVDRW\_UH12NS40-1.01-N000200-211711231550  
HL-DT-ST-BDDVDRW\_UH12NS40-1.03-N000800-212005080959  
HL-DT-ST-BD-RE\_BE16NU50-INTM-N000800-212004231013  
HL-DT-ST-BD-RE\_BH16NS40-NS50-INTM-N000600-212002041513  
HL-DT-ST-BD-RE\_BH16NS60-INTM-N000400-212002181142  
HL-DT-ST-BD-RE\_BP50NB40-NB50-INTM-N000900-212003031607  
HL-DT-ST-BD-RE\_BP60NB10-INTM-N000900-212003031601  
HL-DT-ST-BD-RE\_BU40N-INTM-N000800-211907051444  
HL-DT-ST-BDDVDRW\_CH12NS40-INTM-N000700-212003230952  
hp\_HLDS-BDRE\_BU40N-BW42-P000100-211711291655

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