

## Caution

To use 5TB or 6TB HDD with HDD canister (WJ-ND400/WJ-HDE400/WJ-HD716/WJ-HD616)

HDD Compatibility Chart

2 April, 2015

Please **DO NOT** fix two screws into bottom side of **5TB or 6TB HDD** (⇒ marks below), because screw length is longer than depth of tapped hole .





## 3.5" SATA

| Capacity | Vendor | Series    | Model            | Format | Availability | Compatibility | Note |
|----------|--------|-----------|------------------|--------|--------------|---------------|------|
| 1TB      | WD     | WD Green  | WD10EZRX-**L4HB0 | AF     | OK           | ◎             |      |
| 2TB      |        | WD Green  | WD20EZRX-**D8PB0 | AF     | OK           | ◎             |      |
|          |        | WD Purple | WD20PURX-64P6ZY0 | AF     | OK           | ◎             |      |
|          |        | WD Red    | WD20EFRX-68EUZN0 | AF     | OK           | ◎             |      |
| 3TB      |        | WD Green  | WD30EZRX-**D8PB0 | AF     | OK           | ◎             |      |
|          |        | WD Purple | WD30PURX-64P6ZY0 | AF     | OK           | ◎             |      |
|          |        | WD Red    | WD30EFRX-68EUZN0 | AF     | OK           | ◎             |      |
| 4TB      |        | WD Green  | WD40EZRX-**SPEB0 | AF     | OK           | ◎             |      |
|          |        | WD Purple | WD40PURX-64GVNY0 | AF     | OK           | ◎             |      |
|          |        | WD Red    | WD40EFRX-68WT0N0 | AF     | OK           | ◎             |      |
| 5TB      |        | WD Red    | WD50EFRX-68MYMN1 | AF     | OK           | ◎             |      |
| 6TB      |        | WD Red    | WD60EFRX-68MYMN1 | AF     | OK           | ◎             |      |

# WJ-HDE400 with WJ-NV300K

3.5" SATA



HDD Compatibility Chart

2 April, 2015

Latest Firmware Version : [V1.20](#)

| Capacity | Vendor | Series    | Model            | Format | Availability | Compatibility | Note                                                                   |
|----------|--------|-----------|------------------|--------|--------------|---------------|------------------------------------------------------------------------|
| 1TB      | WD     | WD Blue   | WD10EZEX-**BN5A0 | AF     | OK           | ◎             |                                                                        |
| 2TB      |        | WD Purple | WD20PURX-64P6ZY0 | AF     | OK           | ◎             |                                                                        |
|          |        | WD Red    | WD20EFRX-68EUZN0 | AF     | OK           | ◎             |                                                                        |
| 3TB      |        | WD Purple | WD30PURX-64P6ZY0 | AF     | OK           | ◎             |                                                                        |
|          |        | WD Red    | WD30EFRX-68EUZN0 | AF     | OK           | ◎             |                                                                        |
| 4TB      |        | WD Purple | WD40PURX-64GVNY0 | AF     | OK           | ◎             |                                                                        |
|          |        | WD Red    | WD40EFRX-68WT0N0 | AF     | OK           | ◎             |                                                                        |
| 5TB      |        | WD Red    | WD50EFRX-68MYMN1 | AF     | OK           | ◎             | Please refer to page 1, not to fix two screws into bottom side of HDD. |
| 6TB      |        | WD Red    | WD60EFRX-68MYMN1 | AF     | OK           | ◎             |                                                                        |


**3.5" SATA** (NV200 is supporting AF HDD's since V1.00.)

| Capacity | Vendor | Series    | Model              | Format | Availability | Compatibility | Note |
|----------|--------|-----------|--------------------|--------|--------------|---------------|------|
| 500GB    | WD     | WD Blue   | WD5000AAKX-**ERMA0 | 512B   | OK           | ◎             |      |
| 1TB      |        | WD Green  | WD10EZRX-**L4HB0   | AF     | OK           | ◎             |      |
| 2TB      |        | WD Green  | WD20EZRX-**D8PB0   | AF     | OK           | ◎             |      |
|          |        | WD Purple | WD20PURX-64P6ZY0   | AF     | OK           | ◎             |      |
|          |        | WD Red    | WD20EFRX-68EUZN0   | AF     | OK           | ◎             |      |
| 3TB      |        | WD Green  | WD30EZRX-**D8PB0   | AF     | OK           | ◎             |      |
|          |        | WD Purple | WD30PURX-64P6ZY0   | AF     | OK           | ◎             |      |
|          |        | WD Red    | WD30EFRX-68EUZN0   | AF     | OK           | ◎             |      |
| 4TB      |        | WD Green  | WD40EZRX-**SPEB0   | AF     | OK           | ◎             |      |
|          |        | WD Purple | WD40PURX-64GVNY0   | AF     | OK           | ◎             |      |
|          |        | WD Red    | WD40EFRX-68WT0N0   | AF     | OK           | ◎             |      |
| 5TB      |        | WD Red    | WD50EFRX-68MYMN1   | AF     | OK           | ◎             |      |
| 6TB      |        | WD Red    | WD60EFRX-68MYMN1   | AF     | OK           | ◎             |      |

WJ-ND400K  
WJ-HD616K  
WJ-HD716K  
WJ-HDE400

**Very Important Notification for Compatibility of Panasonic NVR/DVR's with AF (Advanced Format) HDD's**

| ND400             | HD616/716         | HDE400            | Note                                                                                                                                                                                                                     |
|-------------------|-------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| V3.20<br>or above | V2.30<br>or above | V1.20<br>or above | These versions are compatible with AF HDD's. (AF HDD has 4K-byte data in one sector, while legacy HDD has 512byte in one sector.)                                                                                        |
| V3.10<br>or below | V2.20<br>or below | V1.07<br>or below | These versions are not compatible with AF HDD's. If AF HDD will be installed into DVR's/NVR of these older versions, lack of recorded image/video, frequent restart of recorder, or some unexpected troubles may happen. |

# WJ-ND400 WJ-HDE400



HDD Compatibility Chart  
2 April, 2015

Latest Firmware Version : [V4.42](#) (ND400)  
[V1.20](#) (HDE400)

## 3.5" SATA – Advanced Format

**ND400 MUST be V3.20 or above. (Please refer to page 2.)**

| Capacity | Vendor | Series    | Model            | Format | Availability | Compatibility | Note                                                                   |
|----------|--------|-----------|------------------|--------|--------------|---------------|------------------------------------------------------------------------|
| 1TB      | WD     | WD Blue   | WD10EZEX-**BN5A0 | AF     | OK           | ◎             |                                                                        |
| 2TB      |        | WD Purple | WD20PURX-64P6ZY0 | AF     | OK           | ◎             |                                                                        |
|          |        | WD Red    | WD20EFRX-68EUZN0 | AF     | OK           | ◎             |                                                                        |
| 3TB      |        | WD Purple | WD30PURX-64P6ZY0 | AF     | OK           | ◎             |                                                                        |
|          |        | WD Red    | WD30EFRX-68EUZN0 | AF     | OK           | ◎             |                                                                        |
| 4TB      |        | WD Purple | WD40PURX-64GVNY0 | AF     | OK           | ◎             |                                                                        |
|          |        | WD Red    | WD40EFRX-68WT0N0 | AF     | OK           | ◎             |                                                                        |
| 5TB      |        | WD Red    | WD50EFRX-68MYMN1 | AF     | OK           | ◎             | Please refer to page 1, not to fix two screws into bottom side of HDD. |
| 6TB      |        | WD Red    | WD60EFRX-68MYMN1 | AF     | OK           | ◎             |                                                                        |

## 3.5" SATA – Legacy (512Byte) Format

| Capacity | Vendor | Series  | Model              | Format | Availability | Compatibility | Note |
|----------|--------|---------|--------------------|--------|--------------|---------------|------|
| 500GB    | WD     | WD Blue | WD5000AAKX-**ERMA0 | 512B   | OK           | ◎             |      |

WJ-HD616K  
WJ-HD716K  
WJ-HDE400



HDD Compatibility Chart  
2 April, 2015

Current Firmware Version : [V2.64](#) (HD616/716)  
[V1.20](#) (HDE400)

### 3.5" SATA – Advanced Format

**HD616/HD716 MUST be V2.30 or above. (Please refer to page 2.)**

| Capacity | Vendor | Series    | Model            | Format | Availability | Compatibility | Note                                                                   |
|----------|--------|-----------|------------------|--------|--------------|---------------|------------------------------------------------------------------------|
| 1TB      | WD     | WD Blue   | WD10EZEX-**BN5A0 | AF     | OK           | ◎             |                                                                        |
| 2TB      |        | WD Purple | WD20PURX-64P6ZY0 | AF     | OK           | ◎             |                                                                        |
|          |        | WD Red    | WD20EFRX-68EUZN0 | AF     | OK           | ◎             |                                                                        |
| 3TB      |        | WD Purple | WD30PURX-64P6ZY0 | AF     | OK           | ◎             |                                                                        |
|          |        | WD Red    | WD30EFRX-68EUZN0 | AF     | OK           | ◎             |                                                                        |
| 4TB      |        | WD Purple | WD40PURX-64GVNY0 | AF     | OK           | ◎             |                                                                        |
|          |        | WD Red    | WD40EFRX-68WT0N0 | AF     | OK           | ◎             |                                                                        |
| 5TB      |        | WD Red    | WD50EFRX-68MYMN1 | AF     | OK           | ◎             | Please refer to page 1, not to fix two screws into bottom side of HDD. |
| 6TB      |        | WD Red    | WD60EFRX-68MYMN1 | AF     | OK           | ◎             |                                                                        |

### 3.5" SATA – Legacy (512Byte) Format

| Capacity | Vendor | Series  | Model              | Format | Availability | Compatibility | Note |
|----------|--------|---------|--------------------|--------|--------------|---------------|------|
| 500GB    | WD     | WD Blue | WD5000AAKX-**ERMA0 | 512B   | OK           | ◎             |      |

# WJ-RT416's



3.5" SATA

HDD Compatibility Chart  
2 April, 2015

Latest Firmware Version : V1.66

| Capacity | Vendor | Series  | Model              | Format | Availability | Compatibility | Note |
|----------|--------|---------|--------------------|--------|--------------|---------------|------|
| 250GB    | WD     | WD Blue | WD2500AAKX-**ERMA0 | 512B   | OK           | ◎             |      |
| 500GB    | WD     | WD Blue | WD5000AAKX-**ERMA0 | 512B   | OK           | ◎             |      |



WJ-HD316A's  
WJ-HD309A's

WJ-HDE300's  
(with WJ-HD300A's)



HDD Compatibility Chart  
2 April, 2015

Latest Firmware Version : V3.44 (HD300A's)  
V1.07A (HDE300's)

### 3.5" SATA<sup>(\*1)</sup>

#### <sup>(\*1)</sup> SATA transition information

From July-2008 production, all of HD300A's have changed to SATA model. For EIDE model customer's "SATA transition kit" has been provided.

| Capacity | Vendor | Series   | Model              | Format | Availability | Compatibility | Note                                                                                                |
|----------|--------|----------|--------------------|--------|--------------|---------------|-----------------------------------------------------------------------------------------------------|
| 250GB    | WD     | WD Blue  | WD2500AAKX-**ERMA0 | 512B   | OK           | ◎             |                                                                                                     |
| 500GB    | WD     | WD Blue  | WD5000AAKX-**ERMA0 | 512B   | OK           | ◎             |                                                                                                     |
| 1TB      | WD     | WD Green | WD10EZRX-**L4HB0   | AF     | OK           | ◎             | HDE300's : In RAID5 mode, configuration with 3pcs of HDD's is strongly recommended. <sup>(*2)</sup> |
| 2TB      | WD     | WD Green | WD20EZRX-**D8PB0   | AF     | OK           | ◎             | HDE300's : SINGLE mode only                                                                         |

#### <sup>(\*2)</sup> Limitation of 2.1TB in HD300A's system

2.1TB limitation of "one hard disk drive" or "one RAID unit" capacity exists on 32bit file system.  
Even if RAID5 is configured by 4pcs of 1TB HDD's in HDE300, RAID unit capacity is clipped to 2.1TB.  
Therefore, configuration with 3pcs of 1TB HDD's is strongly recommended in this system.

WJ-ND300A's/WJ-ND300's

WJ-HDE300's  
(with WJ-ND300A/ND300's)



HDD Compatibility Chart  
2 April, 2015

Latest Firmware Version : V5.20 (ND300A's/ND300's)  
V1.07A (HDE300's)

3.5" SATA<sup>(\*1)</sup>

**(\*1) SATA transition information**

From November-2008 production(ND300A's) / July-2008 production (HDE300's), all of ND300A's/HDE300 have changed to SATA model.  
For EIDE model customer's "SATA transition kit" has been provided.'s

| Capacity | Vendor | Series   | Model              | Format | Availability | Compatibility | Note                                                                                                                       |
|----------|--------|----------|--------------------|--------|--------------|---------------|----------------------------------------------------------------------------------------------------------------------------|
| 250GB    | WD     | WD Blue  | WD2500AAKX-**ERMA0 | 512B   | OK           | ◎             |                                                                                                                            |
| 500GB    | WD     | WD Blue  | WD5000AAKX-**ERMA0 | 512B   | OK           | ◎             |                                                                                                                            |
| 1TB      | WD     | WD Green | WD10EZRX-**L4HB0   | AF     | OK           | ◎             | HDE300's, ND300A with NDB301 :<br>In RAID5 mode, configuration with 3pcs of HDD's is strongly recommended. <sup>(*2)</sup> |
| 2TB      | WD     | WD Green | WD20EZRX-**D8PB0   | AF     | OK           | ◎             | HDE300's, ND300A with NDB301 :<br>SINGLE mode only                                                                         |

**(\*2) Limitation of 2.1TB in ND300A/ND300's system**

2.1TB limitation of "one hard disk drive" or "one RAID unit" capacity exists on 32bit file system.  
Even if RAID5 is configured by 4pcs of 1TB HDD's in HDE300, RAID unit capacity is clipped to 2.1TB.  
Therefore, configuration with 3pcs of 1TB HDD's is strongly recommended in this system.

# WJ-HL204/208 (for PAL only)



HDD Compatibility Chart  
2 April, 2015

Latest Firmware Version : V1.0.1

## 3.5" SATA

| Capacity | Vendor  | Series      | Model        | Firmware | Availability | Compatibility | Note |
|----------|---------|-------------|--------------|----------|--------------|---------------|------|
| 250GB    | Seagate | Pipeline HD | ST3250312CS  | SC13     | OK           | ◎             |      |
| 500GB    | Seagate | Pipeline HD | ST3500312CS  | SC13     | OK           | ◎             |      |
| 1TB      | Seagate | Pipeline HD | ST31000322CS | SC13     | OK           | ◎             |      |
| 2TB      | Seagate | Pipeline HD | ST2000VM002  | SC01     | OK           | ◎             |      |

# WJ-HD316's WJ-HD309's



HDD Compatibility Chart  
2 April, 2015

Latest Firmware Version : V1.6A

## 3.5" SATA<sup>(\*)</sup>

### <sup>(\*)</sup> SATA transition information

From July-2008 production, for EIDE model customer's "SATA transition kit" has been provided.

| Capacity | Vendor | Series   | Model              | Format | Availability | Compatibility | Note                                                                                               |
|----------|--------|----------|--------------------|--------|--------------|---------------|----------------------------------------------------------------------------------------------------|
| 250GB    | WD     | WD Blue  | WD2500AAKX-**ERMA0 | 512B   | OK           | ◎             |                                                                                                    |
| 500GB    | WD     | WD Blue  | WD5000AAKX-**ERMA0 | 512B   | OK           | ◎             |                                                                                                    |
| 1TB      | WD     | WD Green | WD10EZRX-**L4HB0   | AF     | OK           | ◎             | HDE300's : In RAID5 mode, configuration with 3pcs of HDD's is strongly recommended. <sup>(*)</sup> |
| 2TB      | WD     | WD Green | WD20EZRX-**D8PB0   | AF     | OK           | ◎             | HDE300's : SINGLE mode only                                                                        |

### <sup>(\*)</sup> Limitation of 2.1TB in HD300's system

2.1TB limitation of "one hard disk drive" or "one RAID unit" capacity exists on 32bit file system.  
Even if RAID5 is configured by 4pcs of 1TB HDD's in HDE300, RAID unit capacity is clipped to 2.1TB.  
Therefore, configuration with 3pcs of 1TB HDD's is strongly recommended in this system.