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## Supported Operating Systems, Spectrometers and which XWIN-NMR version works where

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### 2. Overview

**Software versions:**

XWIN-NMR<sup>1</sup>: 1.0 / 1.1 / 1.2 / 1.3 / 2.0 / 2.1 / 2.5 / 2.6 / 3.0 / 3.1 / 3.2 / 3.5 / 3.6

**Spectrometer type:** A\*X / D\*X / AV-I / AV-II / AV-III

**Operating system:**

Windows: NT / 2000 / XP

Linux: Red Hat 7.1 / 7.3 / Enterprise WS 3

SGI: IRIX 5.2 / 5.3 / 6.2 / 6.3 / 6.5

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<sup>1</sup> The following pages describe the support of XWIN-NMR 2.6 and later versions

### 3. NMR: Supported operating systems – Acquisition

A special patchlevel (e. g. 1.3pl8) is only listed if necessary. In case any patchlevel will work, only the version number (e. g. 1.3) is given

Operating system <sup>2</sup>	Version	XWIN-NMR
Windows	Vista Business <sup>3</sup>	-
	XP Professional <sup>3</sup>	3.5 <sup>4</sup>
	2000	3.5 3.1 3.0
	NT	3.1 3.0 2.6
Linux Red Hat	Enterprise WS 5 <sup>3</sup>	-
	Enterprise WS 4 <sup>3</sup>	-
	Enterprise WS 3 <sup>3</sup>	3.6 3.2pl3 <sup>5</sup>
	7.3	3.5 3.2 <sup>5</sup>
	7.1	3.5 3.2 <sup>5</sup> 3.1
SGI IRIX	6.5	3.5 3.1 3.0 2.6
	6.3	3.5 3.1 3.0 2.6
	6.2	3.5 3.1 3.0 2.6
	5.3	3.5 3.1 3.0 2.6
	5.2	3.5 3.1 3.0 2.6

**Note:** Bruker BioSpin cannot guarantee that a future operating system update will work correctly with our software. Therefore, the optimal compatibility will be achieved by renouncing internet access and operating system updates. Nevertheless, if a computer is connected to the internet despite this compatibility risk, it needs critical system updates downloaded and installed as soon as possible. Otherwise the Computer is a security risk! In the past, Bruker BioSpin has made the experience that critical operating system updates work well in most cases.

<sup>2</sup> 64-bit operating systems are not supported by XWIN-NMR

<sup>3</sup> A list of supported service packs for Windows and update version for Linux are available in chapter 8

<sup>4</sup> If Windows XP sp2 is used, XWIN-NMR 3.5 might not work correctly. The Nutcracker version that comes with TopSpin 1.2 or 1.3 fixes this problem. For more details see Bruker Knowledge Base item 4859: [http://www.bruker-biospin.de/shell/bkb/show\\_bug.cgi?id=4859](http://www.bruker-biospin.de/shell/bkb/show_bug.cgi?id=4859)

<sup>5</sup> These versions are distributed only as part of the ParaVision software (Bruker MRI division). They can be used for normal NMR operation only in connection with their associated ParaVision software.

#### 4. NMR: Supported operating systems – Processing

A special patchlevel (e. g. 1.3pl8) is only listed if necessary. In case any patchlevel will work, only the version number (e. g. 1.3) is given

Operating system <sup>6</sup>	Version	XWIN-NMR
Windows	Vista Business <sup>7</sup>	-
	XP Professional <sup>7</sup>	3.5
	2000	3.5 3.1 3.0
	NT	3.1 3.0 2.6
Linux Red Hat	Enterprise WS 5	-
	Enterprise WS 4	-
	Enterprise WS 3	3.6 3.2pl3 <sup>8</sup>
	7.3	3.5 3.2 <sup>8</sup>
	7.1	3.5 3.2 <sup>8</sup> 3.1
SGI IRIX	6.5	3.5 3.1 3.0 2.6
	6.3	3.5 3.1 3.0 2.6
	6.2	3.5 3.1 3.0 2.6
	5.3	3.5 3.1 3.0 2.6
	5.2	3.5 3.1 3.0 2.6

*Note: Bruker BioSpin cannot guarantee that a future operating system update will work correctly with our software. Therefore, the optimal compatibility will be achieved by renouncing internet access and operating system updates. Nevertheless, if a computer is connected to the internet despite this compatibility risk, it needs critical system updates downloaded and installed as soon as possible. Otherwise the Computer is a security risk! In the past, Bruker BioSpin has made the experience that critical operating system updates work well in most cases.*

<sup>6</sup> 64- bit operating systems are not supported by XWIN-NMR

<sup>7</sup> A list of supported service packs for Windows and update version for Linux are available in chapter 8

<sup>8</sup> These versions are distributed only as part of the ParaVision software (Bruker MRI division. They can be used for normal NMR operation only in connection with their associated ParaVision software.

**5. NT Toolkit CD and Microsoft Visual C++ (Windows only):**

Software version		Windows NT	Windows 2000		Windows XP
<b>X W I N - N M R</b>	3.5	Not supported	NT Toolkit	NT Toolkit 2 <sup>9</sup>	NT Toolkit 2
	3.1	NT Toolkit	NT Toolkit	NT Toolkit 2 <sup>9</sup>	Not supported
	3.0	NT Toolkit	NT Toolkit	NT Toolkit 2 <sup>9</sup>	Not supported
	2.6	NT Toolkit	Not supported		Not supported

NT Toolkit: Hummingbird NFS Server 5.1.4 and Hummingbird Exceed 6.0.1 and Visual C++ 6.0  
 NT Toolkit 2: Hummingbird NFS Server 7.1 and Hummingbird Exceed 7.1.1 only

**6. Spectrometer Hardware supported by XWIN-NMR version - operating system related**

	Windows	Linux	SGI
AV-III	Not supported	Not supported	Not supported
AV-II	Not supported	Not supported	Not supported
AV-I	3.5 3.1 3.0	3.6 3.5 3.2 <sup>10</sup> 3.1 3.0	3.5 <sup>12</sup> 3.1 3.0
DRX, DPX, DMX	3.5 <sup>12</sup> 3.1 3.0 2.6	3.6 <sup>12</sup> 3.5 3.2 <sup>10</sup> 3.1	3.5 <sup>12</sup> 3.1 3.0 2.6
DMX <sup>11</sup> , DSX	3.5 <sup>12</sup> 3.1 3.0 2.6	3.6 <sup>12</sup> 3.5 3.2 <sup>10</sup> 3.1	3.5 <sup>12</sup> 3.1 3.0 2.6
A*X	Not supported	Not supported	2.6 <sup>12</sup>

AV-III: Avance spectrometer with AQS-Rack, IPSO, DRU and SGU  
 AV-II: Avance spectrometer with AQS-Rack, CCU, DRU and SGU  
 AV-I: Avance spectrometer with AQS-Rack, CCU, RCU and SGU  
 D\*X: Avance spectrometer with AXX/R-Rack  
 A\*X: AMX, ARX, ASX type spectrometer

<sup>9</sup> If two different versions of NT Toolkit CDs are listed each of these versions will work correctly.

<sup>10</sup> These versions are distributed only as part of the ParaVision software (Bruker MRI division). They can be used for normal NMR operation only in connection with their associated ParaVision software.

<sup>11</sup> No TopSpin support for DMX if a 4-phase modulator is available. If in doubt send the file 'hardware\_list' from your spectrometer configuration directory to [nmr-software-support@bruker.de](mailto:nmr-software-support@bruker.de)

<sup>12</sup> Last software version which supports this type of spectrometer

## 7. Supported Spectrometer Hardware – Bruker software related

	XWIN-NMR				
	2.6	3.0	3.1	3.5	3.6 <sup>13</sup>
AV-III	-	-	-	-	-
AV-II	-	-	-	-	-
AV-I	-	+	+	+	+
DRX, DPX, DMX	+	+	+	+ <sup>15</sup>	+ <sup>15</sup>
DMX <sup>14</sup> , DSX	+	+	+	+ <sup>15</sup>	+ <sup>15</sup>
A*X	+ <sup>15</sup>	-	-	-	-

<sup>13</sup> Linux only

<sup>14</sup> No TopSpin support for DMX if a 4-phase modulator is available. If in doubt send the file 'hardware\_list' from your spectrometer configuration directory to [nmr-software-support@bruker.de](mailto:nmr-software-support@bruker.de)

<sup>15</sup> Last software version which supports this type of spectrometer

## 8. Supported service packs for Windows / update versions for Linux

For details about supported operating systems for acquisition and processing see chapter 3 and 4

### Windows Vista Business

The operating system itself is supported with TopSpin 2.1 and higher.

	XWIN-NMR any version
sp0	-
sp1	-

### Windows XP Professional

The operating system itself is supported with XWIN-NMR 3.5 and all TopSpin versions.

	XWIN-NMR 3.5
sp0	+
sp1	+
sp2	+
sp3	-

### Red Hat Enterprise WS 4

The operating system itself is supported with TopSpin 1.3pl6 and higher.

	XWIN-NMR any version
updates 1-6	-

### Red Hat Enterprise WS 3

The operating system itself is supported with XWIN-NMR 3.2PL3, XWIN-NMR 3.6 and TopSpin 1.2 and higher.

	XWIN-NMR			
	3.1	3.2pl3	3.5	3.6
updates 1-8	-	+	-	+