FC SAN Boot Compatibility Table

*This matrix shows the supported components in SAN Boot system
*No guarantee is provided for performance and the like. (Only connection is supported)
*Please make sure to include all required components in your configuration. (Optional components may be included on a voluntary basis.)
*For deployment configuration, it is asked that your system engineer takes responsibility on the basis of user requirements.
*For information on availability of products in your area, please contact your local NEC subsidiary

Required Components | **Optional Components** | **Required Components** | **Optional Components**

Windows Server 2008 R2
OS Boot Mode : Legacy

Supported connection type

FC HBA	Connection	Storage	Current Status
8G FC HBA N8190-159 / 16G FC HBA N8190-157A / LS8A	direct (link Speed : 8G)	M11e / M110 / M310 / M310F / M510 / M710 / M710F	Supported
	via FC switch (link Speed	M11e / M110 / M310 / M310F / M510 / M710 / M710F	Supported
	direct (link Speed : 16G)	M11e / M110 / M310 / M310F / M510 / M710 / M710F	Not supported
	via FC switch (link Speed	M11e / M110 / M310 / M310F / M510 / M710 / M710F	Supported

Server

Product Name	Product Order Number
R120f-2M	N8100-2225F
	N8100-2226F
	N8100-2227F
	N8100-2228F
R120f-1M	N8100-2209F
	N8100-2210F
	N8100-2211F
	N8100-2212F
R120f-2E	N8100-2271F
	N8100-2272F
	N8100-2273F
	N8100-2277F
	N8100-2281F
R120f-1E	N8100-2249F
	N8100-2250F
	N8100-2251F
E120f-M	N8100-2239F
	N8100-2240F

OS

Product Name	Product Order Number
	-

[NOTES]
*1: Accepting orders for Windows Server 2008 R2 has already been terminated.
Please downgrade to Windows Server 2012 instead.

*2: Before using Windows Server 2008R2, please make sure to install Service Pack 1.

*3: Include Hyper-V 2.0.

FC HBA

Product Name	Product Order Number
Fibre Channel Controller (1ch)	N8190-159(*2)
Fibre Channel Controller (2ch)	N8190-160(*2)
Fibre Channel Controller (1ch)	N8190-157A(*2/3)
Fibre Channel Controller (2ch)	N8190-158A(*2/3)

[NOTES]
*1 : For information numbers of FC HBAs that can be installed in each device,
slot on which the FC HBA can be installed, installation path, etc.,
please refer to the FC SAN Boot Configuration Guide.

*2 : Please upgrade to the latest driver by using the EXPRESSBUILDER corresponding
to each device.
If you use a 16G FC HBA (N8190-157A / -158A), please use the driver that
is attached to the N8190-157A/-158A.

*3 : If you use a 16G FC HBA (N8190-157A/-158A), please order a 16G FC switch
(WB6505 or WB6510 series), and upgrade the FW of the FC HBA to "10.2.470.14"
or later.

FC Switch

Product Name	Product Order Number
WB6505-012	NF9350-SB040E (*3/*4)
WB6505-024	NF9350-SB041E (*3/*4)
WB6510-024	NF9350-SB042E (*3/*4)
WB6510-036	NF9350-SB043E (*3/*4)
WB6510-048	NF9350-SB044E (*3/*4)
WB310A	NF9340-SB017E
WB330A	NF9340-SB018E
WB340A	NF9340-SB019E

[NOTES]
*1 : Cascading connection of FC switches is not supported.

*2 : For information on the path redundancy configuration, please refer to the
FC SANBoot Configuration Guide.

*3 : WB6505 and WB6510 series are not include SFP+ module.
WB6505 and WB6510 series support 8G SFP+ module (NF9350-
and 16G SFP+ module (NF9350-SF16E/SF116E).
To use the port as 16Gbps, please use 16G SFP+ module and configure
the port speed setting as 16Gbps

*4 : Please order the 16G switch (WB6505 and WB6510 series). If you use
a 16G FC HBA (N8190-157A/-158A).

Storage

Product Name	Product Order Number
M110 (FC Model)	NF5322-SR00E/SR01E +NF5322-SF06E x2 +NF5322-SF08E (8G) or NF5322-SFP16E(16G) (*1)
M310 (FC Model)	NF5322-SR00E/SR01E +NF5322-SF06E x2 +NF5322-SF08E (8G) or NF5322-SFP16E(16G) (*1)
M310F (FC Model)	NF5322-SR01FE +NF5322-SF06E x2 +NF5322-SF08E (8G) or NF5322-SFP16E(16G) (*1)
M510 (FC Model)	NF5352-SR00E +NF5352-SF06WE +NF5322-SF08E (8G) or NF5322-SFP16E(16G) (*1)
M710 (FC Model)	NF5372-SR00E +NF5372-SF06WE +NF5322-SF08E (8G) or NF5322-SFP16E(16G) (*1)
M710F (FC Model)	NF5372-SR00FE +NF5372-SF06WE +NF5322-SF08E (8G) or NF5322-SFP16E(16G) (*1)

[NOTES]
*1 : Direct connection between FC HBA and the storage is not supported.
It must be connected through the FC switch.

Software

Product Name	Product Order Number
PPSupportPack /NEC Storage M110 Software set) (*1) (*3)	UFSFM00-H110D0E
NEC Storage BaseProduct Ver9.4 - M310 (*1)	UFSM01-H310E0DE
NEC Storage BaseProduct Ver9.4 - M310F (*1)	UFSM01-H31FE0DE
NEC Storage BaseProduct Ver9.4 - M510 (*1)	UFSM01-H510E0DE
NEC Storage BaseProduct Ver9.4 - M710 (*1)	UFSM01-H710E0DE
NEC Storage BaseProduct Ver9.4 - M710F (*1)	UFSM01-H71FE0DE
PPSupportPack /NEC Storage M100 Software set) (*1) (*3)	UFSFM00-H100D0E
NEC Storage BaseProduct Ver9.1 - M300 (*1)	UFSM01-H300B0DE
NEC Storage BaseProduct Ver9.1 - M500 (*1)	UFSM01-H500B0DE
NEC Storage BaseProduct Ver9.1 - M700 (*1)	UFSM01-H700B0DE
NEC Storage PathManager 6.4 for Windows (*2)	UFS206-H0063WDE

[NOTES]
*1 : To order PerformanceMonitor Suite products is recommended.

*2 : NEC Storage M100 series bundles PathManager.

*3 : Product is bundled with NEC Storage M Series, but support is not bundled. Support must be ordered.

Optional Software

Product Name	Product Order Number
NEC Storage Manager Suite Ver9.4 - M100 series	UFSM02-H100E0DE
NEC Storage PerformanceMonitor Suite Ver9.4 - M100 series (*1)	UFSM51-H100E0DE
NEC Storage PerformanceMonitor Suite Ver9.4 - M300 series (*1)	UFSM51-H300E0DE
NEC Storage PerformanceMonitor Suite Ver9.4 - M500 series (*1)	UFSM51-H500E0DE
NEC Storage PerformanceMonitor Suite Ver9.4 - M700 series (*1)	UFSM51-H700E0DE
NEC Storage DynamicDataReplication - M110 (*2)	UFSM58-H110010E
NEC Storage DynamicDataReplication - M310 (*2)	UFSM58-H310010E
NEC Storage DynamicDataReplication - M310F (*2)	UFSM58-H31F010E
NEC Storage DynamicDataReplication - M510 (*2)	UFSM58-H510010E
NEC Storage DynamicDataReplication - M710 (*2)	UFSM58-H710010E
NEC Storage DynamicDataReplication - M710F (※2)	UFSM58-H71F010E
NEC Storage DynamicDataReplication - M100 (*2)	UFSM58-H100000E
NEC Storage DynamicDataReplication - M300 (*2)	UFSM58-H300000E
NEC Storage DynamicDataReplication - M500 (*2)	UFSM58-H500000E
NEC Storage DynamicDataReplication - M700 (*2)	UFSM58-H700000E
NEC Storage ControlCommand on Windows Ver9.4 media kit - M series (*3)	UFSM57-000EWDE

[NOTES]
*1 : NEC Storage PerformanceMonitor and NEC Storage PerformanceNavigator are bundled.

*2 : When an OS image of Windows (including Hyper-V), a virtual machine image of Hyper-V, a
or a data area of a virtual machine are backed up or restored, DynamicDataReplication must be ordered.

*3 : Before using the function of DynamicDataReplication in CLI, ControlCommand must be
Please prepare the ControlCommand corresponding to the OS of the management

Windows Server 2012
OS Boot Mode : UEFI

Supported connection type

FC HBA	Connection	Storage	Current Status
8G FC HBA N8190-159 / 16G FC HBA N8190-157A / LS8A	direct (link Speed : 8G)	M11e / M110 / M310 / M310F / M510 / M710 / M710F	Supported
	via FC switch (link Speed	M11e / M110 / M310 / M310F / M510 / M710 / M710F	Supported
	direct (link Speed : 16G)	M11e / M110 / M310 / M310F / M510 / M710 / M710F	Not supported
	via FC switch (link Speed	M11e / M110 / M310 / M310F / M510 / M710 / M710F	Supported

Server

Product Name	Product Order Number
R120f-2M	N8100-2225F
	N8100-2226F
	N8100-2227F
	N8100-2228F
R120f-1M	N8100-2209F
	N8100-2210F
	N8100-2211F
	N8100-2212F
R120f-2E	N8100-2271F
	N8100-2272F
	N8100-2273F
	N8100-2277F
	N8100-2281F
R120f-1E	N8100-2249F
	N8100-2250F
	N8100-2251F
E120f-M	N8100-2239F
	N8100-2240F

OS

Product Name	Product Order Number
Microsoft Windows Server 2012 Standard (English,2CPU) *	UL1900-021
Microsoft Windows Server 2012 Datacenter (English,2CPU) *	UL1900-033

FC HBA

Product Name	Product Order Number
Fibre Channel Controller (1ch)	N8190-159(*2)
Fibre Channel Controller (2ch)	N8190-160(*2)
Fibre Channel Controller (1ch)	N8190-157A(*2/3)
Fibre Channel Controller (2ch)	N8190-158A(*2/3)

[NOTES]
*1 : For information numbers of FC HBAs that can be installed in each device,
slot on which the FC HBA can be installed, installation path, etc.,
please refer to the FC SAN Boot Configuration Guide.

*2 : Please upgrade to the latest driver by using the EXPRESSBUILDER corresponding
to each device.
If you use a 16G FC HBA (N8190-157A / -158A), please use the driver that
is attached to the N8190-157A/-158A.

*3 : If you use a 16G FC HBA (N8190-157A/-158A), please order a 16G FC switch
(WB6505 or WB6510 series), and upgrade the FW of the FC HBA to "10.2.470.14"
or later.

FC Switch

Product Name	Product Order Number
WB6505-012	NF9350-SB040E (*3/*4)
WB6505-024	NF9350-SB041E (*3/*4)
WB6510-024	NF9350-SB042E (*3/*4)
WB6510-036	NF9350-SB043E (*3/*4)
WB6510-048	NF9350-SB044E (*3/*4)
WB310A	NF9340-SB017E
WB330A	NF9340-SB018E
WB340A	NF9340-SB019E

[NOTES]
*1 : Cascading connection of FC switches is not supported.

*2 : For information on the path redundancy configuration, please refer to the
FC SANBoot Configuration Guide.

*3 : WB6505 and WB6510 series are not include SFP+ module.
WB6505 and WB6510 series support 8G SFP+ module (NF9350-
and 16G SFP+ module (NF9350-SF16E/SF116E).
To use the port as 16Gbps, please use 16G SFP+ module and configure
the port speed setting as 16Gbps

*4 : Please order the 16G switch (WB6505 and WB6510 series). If you use
a 16G FC HBA (N8190-157A/-158A).

Storage

Product Name	Product Order Number
M110 (FC Model)	NF5322-SR00E/SR01E +NF5322-SF06E x2 +NF5322-SF08E (8G) or NF5322-SFP16E(16G) (*1)
M310 (FC Model)	NF5322-SR00E/SR01E +NF5322-SF06E x2 +NF5322-SF08E (8G) or NF5322-SFP16E(16G) (*1)
M310F (FC Model)	NF5322-SR01FE +NF5322-SF06E x2 +NF5322-SF08E (8G) or NF5322-SFP16E(16G) (*1)
M510 (FC Model)	NF5352-SR00E +NF5352-SF06WE +NF5322-SF08E (8G) or NF5322-SFP16E(16G) (*1)
M710 (FC Model)	NF5372-SR00E +NF5372-SF06WE +NF5322-SF08E (8G) or NF5322-SFP16E(16G) (*1)
M710F (FC Model)	NF5372-SR00FE +NF5372-SF06WE +NF5322-SF08E (8G) or NF5322-SFP16E(16G) (*1)

[NOTES]
*1 : Direct connection between FC HBA and the storage is not supported.
It must be connected through the FC switch.

Software

Product Name	Product Order Number
PPSupportPack /NEC Storage M110 Software set) (*1) (*3)	UFSFM00-H110D0E
NEC Storage BaseProduct Ver9.4 - M310 (*1)	UFSM01-H310E0DE
NEC Storage BaseProduct Ver9.4 - M310F (*1)	UFSM01-H31FE0DE
NEC Storage BaseProduct Ver9.4 - M510 (*1)	UFSM01-H510E0DE
NEC Storage BaseProduct Ver9.4 - M710 (*1)	UFSM01-H710E0DE
NEC Storage BaseProduct Ver9.4 - M710F (*1)	UFSM01-H71FE0DE
PPSupportPack /NEC Storage M100 Software set) (*1) (*3)	UFSFM00-H100D0E
NEC Storage BaseProduct Ver9.1 - M300 (*1)	UFSM01-H300B0DE
NEC Storage BaseProduct Ver9.1 - M500 (*1)	UFSM01-H500B0DE
NEC Storage BaseProduct Ver9.1 - M700 (*1)	UFSM01-H700B0DE
NEC Storage PathManager 6.4 for Windows (*2)	UFS206-H0064WDE

[NOTES]
* : If you want to use Windows Server 2012 on M Series, NEC Storage Control Software
with 07SN is recommended.

*1 : Introduction of PerformanceNavigator of Optional-product is recommended.

*2 : NEC Storage M100 series bundles PathManager.

*3 : Product is bundled with NEC Storage M Series, but support is not bundled. Support must be

*4 : You must use version 7.5 and higher, if you use Windows Server 2012.

Optional Software

Product Name	Product Order Number
NEC Storage Manager Suite Ver9.4 - M100 series	UFSM02-H100E0DE
NEC Storage PerformanceMonitor Suite Ver9.4 - M100 series (*1)	UFSM51-H100E0DE
NEC Storage PerformanceMonitor Suite Ver9.4 - M300 series (*1)	UFSM51-H300E0DE
NEC Storage PerformanceMonitor Suite Ver9.4 - M500 series (*1)	UFSM51-H500E0DE
NEC Storage PerformanceMonitor Suite Ver9.4 - M700 series (*1)	UFSM51-H700E0DE
NEC Storage DynamicDataReplication - M110 (*2)	UFSM58-H110010E
NEC Storage DynamicDataReplication - M310 (*2)	UFSM58-H310010E
NEC Storage DynamicDataReplication - M310F (*2)	UFSM58-H31F010E
NEC Storage DynamicDataReplication - M510 (*2)	UFSM58-H510010E
NEC Storage DynamicDataReplication - M710 (*2)	UFSM58-H710010E
NEC Storage DynamicDataReplication - M710F (※2)	UFSM58-H71F010E
NEC Storage DynamicDataReplication - M100 (*2)	UFSM58-H100000E
NEC Storage DynamicDataReplication - M300 (*2)	UFSM58-H300000E
NEC Storage DynamicDataReplication - M500 (*2)	UFSM58-H500000E
NEC Storage DynamicDataReplication - M700 (*2)	UFSM58-H700000E
NEC Storage ControlCommand on Windows Ver9.4 media kit - M series (*3)	UFSM57-000EWDE

[NOTES]
*1 : NEC Storage PerformanceMonitor and NEC Storage PerformanceNavigator are bundled.

*2 : When an OS image of Windows (including Hyper-V), a virtual machine image of Hyper-V, a
or a data area of a virtual machine are backed up or restored, DynamicDataReplication must be ordered.

*3 : Before using the function of DynamicDataReplication in CLI, ControlCommand must be
Please prepare the ControlCommand corresponding to the OS of the management

Windows Server 2012 R2
OS Boot Mode : UEFI

Supported connection type

FC HBA	Connection	Storage	Current Status
8G FC HBA N8190-159 / 16G FC HBA N8190-157A / LS8A	direct (link Speed : 8G)	M11e / M110 / M310 / M310F / M510 / M710 / M710F	Supported
	via FC switch (link Speed	M11e / M110 / M310 / M310F / M510 / M710 / M710F	Supported
	direct (link Speed : 16G)	M11e / M110 / M310 / M310F / M510 / M710 / M710F	Not supported
	via FC switch (link Speed	M11e / M110 / M310 / M310F / M510 / M710 / M710F	Supported

Server

Product Name	Product Order Number
R120f-2M	N8100-2225F
	N8100-2226F
	N8100-2227F
	N8100-2228F
R120f-1M	N8100-2209F
	N8100-2210F
	N8100-2211F
	N8100-2212F
R120f-2E	N8100-2271F
	N8100-2272F
	N8100-2273F
	N8100-2277F
	N8100-2281F
R120f-1E	N8100-2249F
	N8100-2250F
	N8100-2251F
E120f-M	N8100-2239F
	N8100-2240F

OS

Product Name	Product Order Number
UL1900-121 Microsoft Windows Server 2012 R2 Standard (English,2CPU) *	UL1900-121
UL1900-131 Microsoft Windows Server 2012 R2 Datacenter (English,2CPU) *	UL1900-131

[NOTES]
* Include Hyper-V.

FC HBA

Product Name	Product Order Number
Fibre Channel Controller (1ch)	N8190-159(*1/2/3)
Fibre Channel Controller (2ch)	N8190-160(*1/2/3)
Fibre Channel Controller (1ch)	N8190-157A(*2/3)
Fibre Channel Controller (2ch)	N8190-158A(*2/3)

[NOTES]
*1 : For information numbers of FC HBAs that can be installed in each device,
slot on which the FC HBA can be installed, installation path, etc.,
please refer to the FC SAN Boot Configuration Guide.

*2 : Please upgrade to the latest driver by using the EXPRESSBUILDER corresponding
to each device.

*3 : If you use a 16G FC HBA (N8190-157A/-158A), please order a 16G FC switch
(WB6505 or WB6510 series), and upgrade the FW of the FC HBA to "10.2.470.14"
or later.

FC Switch

Product Name	Product Order Number
WB6505-012	NF9350-SB040E (*3/*4)
WB6505-024	NF9350-SB041E (*3/*4)
WB6510-024	NF9350-SB042E (*3/*4)
WB6510-036	NF9350-SB043E (*3/*4)
WB6510-048	NF9350-SB044E (*3/*4)
WB310A	NF9340-SB017E
WB330A	NF9340-SB018E
WB340A	NF9340-SB019E

[NOTES]
*1 : Cascading connection of FC switches is not supported.

*2 : For information on the path redundancy configuration, please refer to the
FC SANBoot Configuration Guide.

*3 : WB6505 and WB6510 series are not include SFP+ module.
WB6505 and WB6510 series support 8G SFP+ module (NF9350-
and 16G SFP+ module (NF9350-SF16E/SF116E).
To use the port as 16Gbps, please use 16G SFP+ module and configure
the port speed setting as 16Gbps

*4 : Please order the 16G switch (WB6505 and WB6510 series). If you use
a 16G FC HBA (N8190-157A/-158A).

Storage

Product Name	Product Order Number
M110 (FC Model)	NF5322-SR00E/SR01E +NF5322-SF06E x2 +NF5322-SF08E (8G) or NF5322-SFP16E(16G) (*1)
M310 (FC Model)	NF5322-SR00E/SR01E +NF5322-SF06E x2 +NF5322-SF08E (8G) or NF5322-SFP16E(16G) (*1)
M310F (FC Model)	NF5322-SR01FE +NF5322-SF06E x2 +NF5322-SF08E (8G) or NF5322-SFP16E(16G) (*1)
M510 (FC Model)	NF5352-SR00E +NF5352-SF06WE +NF5322-SF08E (8G) or NF5322-SFP16E(16G) (*1)
M710 (FC Model)	NF5372-SR00E +NF5372-SF06WE +NF5322-SF08E (8G) or NF5322-SFP16E(16G) (*1)
M710F (FC Model)	NF5372-SR00FE +NF5372-SF06WE +NF5322-SF08E (8G) or NF5322-SFP16E(16G) (*1)

[NOTES]
*1 : Direct connection between FC HBA and the storage is not supported.
It must be connected through the FC switch.

Software

Product Name	Product Order Number
PPSupportPack /NEC Storage M110 Software set) (*1) (*3)	UFSFM00-H110D0E
NEC Storage BaseProduct Ver9.4 - M310 (*1)	UFSM01-H310E0DE
NEC Storage BaseProduct Ver9.4 - M310F (*1)	UFSM01-H31FE0DE
NEC Storage BaseProduct Ver9.4 - M510 (*1)	UFSM01-H510E0DE
NEC Storage BaseProduct Ver9.4 - M710 (*1)	UFSM01-H710E0DE
NEC Storage BaseProduct Ver9.4 - M710F (*1)	UFSM01-H71FE0DE
PPSupportPack /NEC Storage M100 Software set) (*1) (*3)	UFSFM00-H100D0E
NEC Storage BaseProduct Ver9.1 - M300 (*1)	UFSM01-H300B0DE
NEC Storage BaseProduct Ver9.1 - M500 (*1)	UFSM01-H500B0DE
NEC Storage BaseProduct Ver9.1 - M700 (*1)	UFSM01-H700B0DE
NEC Storage PathManager 6.4 for Windows (*2)	UFS206-H0064WDE

[NOTES]
* : If you want to use Windows Server 2012 on M Series, NEC Storage Control Software
with 07SN is recommended.

*1 : Introduction of PerformanceNavigator of Optional-product is recommended.

*2 : NEC Storage M100 series bundles PathManager.

*3 : Product is bundled with NEC Storage M Series, but support is not bundled. Support must be

Optional Software

Product Name	Product Order Number
NEC Storage Manager Suite Ver9.4 - M100 series	UFSM02-H100E0DE
NEC Storage PerformanceMonitor Suite Ver9.4 - M100 series (*1)	UFSM51-H100E0DE
NEC Storage PerformanceMonitor Suite Ver9.4 - M300 series (*1)	UFSM51-H300E0DE
NEC Storage PerformanceMonitor Suite Ver9.4 - M500 series (*1)	UFSM51-H500E0DE
NEC Storage PerformanceMonitor Suite Ver9.4 - M700 series (*1)	UFSM51-H700E0DE
NEC Storage DynamicDataReplication - M110 (*2)	UFSM58-H110010E
NEC Storage DynamicDataReplication - M310 (*2)	UFSM58-H310010E
NEC Storage DynamicDataReplication - M310F (*2)	UFSM58-H31F010E
NEC Storage DynamicDataReplication - M510 (*2)	UFSM58-H510010E
NEC Storage DynamicDataReplication - M710 (*2)	UFSM58-H710010E
NEC Storage DynamicDataReplication - M710F (※2)	UFSM58-H71F010E
NEC Storage DynamicDataReplication - M100 (*2)	UFSM58-H100000E
NEC Storage DynamicDataReplication - M300 (*2)	UFSM58-H300000E
NEC Storage DynamicDataReplication - M500 (*2)	UFSM58-H500000E
NEC Storage DynamicDataReplication - M700 (*2)	UFSM58-H700000E
NEC Storage ControlCommand on Windows Ver9.4 media kit - M series (*3)	UFSM57-000EWDE

[NOTES]
*1 : NEC Storage PerformanceMonitor and NEC Storage PerformanceNavigator are bundled.

*2 : When an OS image of Windows (including Hyper-V), a virtual machine image of Hyper-V, a
or a data area of a virtual machine are backed up or restored, DynamicDataReplication must be ordered.

*3 : Before using the function of DynamicDataReplication in CLI, ControlCommand must be
Please prepare the ControlCommand corresponding to the OS of the management

FC SAN Boot Compatibility Table

*This matrix shows the supported components in SAN Boot system
*No guarantee is provided for performance and the like. (Only connection is supported)
*Please make sure to include all required components in your configuration. (Optional components may be included on a voluntary basis.)
*For deployment configuration, it is asked that your system engineer takes responsibility on the basis of user requirements.
*For information on availability of products in your area, please contact your local NEC subsidiary

Required Components | Optional Components | Required Components | Optional Components

RHEL6
OS Boot Mode : UEFI

Supported connection type			
FC HBA	Connection	Storage	Current Status
8G FC HBA N8190-159 / 160	direct (link Speed : 8G)	M11e / M110 / M310 / M310F / M510 / M710 / M710F	Supported
	via FC switch (link Speed	M11e / M110 / M310 / M310F / M510 / M710 / M710F	Supported
16G FC HBA N8190-157A / 158A	direct (link Speed : 16G)	M11e / M110 / M310 / M310F / M510 / M710 / M710F	Not supported
	via FC switch (link Speed	M11e / M110 / M310 / M310F / M510 / M710 / M710F	Supported

Server	
Product Name	Product Order Number
R120f-2M	N8100-2225F
	N8100-2226F
	N8100-2227F
	N8100-2228F
R120f-1M	N8100-2209F
	N8100-2210F
	N8100-2211F
	N8100-2212F
R120f-2E	N8100-2272F
	N8100-2273F
	N8100-2274F
	N8100-2275F
	N8100-2277F
R120f-1E	N8100-2249F
	N8100-2250F
	N8100-2251F

OS	
Product Name	Product Order Number
-	-

[NOTES]
Please contact our sales representative if you want to purchase RHEL license.

FC HBA	
Product Name	Product Order Number
Fibre Channel Controller (1ch)	N8190-159(*1)
Fibre Channel Controller (2ch)	N8190-160(*1)
Fibre Channel Controller (1ch)	N8190-157A(*1/2/3)
Fibre Channel Controller (2ch)	N8190-158A(*1/2/3)

[NOTES]
*1 : For information numbers of FC HBAs that can be installed in each device, slot on which the FC HBA can be installed, installation path, etc., please refer to the FC SAN Boot Configuration Guide.

*2 : This FC HBA is supported on Red Hat Enterprise Linux 6.4 (x86_64) or later.

*3 : If you use a 16G FC HBA (N8190-157A/-158A), please order a 16G FC switch (WB6505 or WB6510 series), and upgrade the FW of the FC HBA to "10.2.470.14" or later.

FC Switch	
Product Name	Product Order Number
WB6505-012	NF9350-S8040E (*3/*4)
WB6505-024	NF9350-S8041E (*3/*4)
WB6510-024	NF9350-S8042E (*3/*4)
WB6510-036	NF9350-S8043E (*3/*4)
WB6510-048	NF9350-S8044E (*3/*4)
WB310A	NF9340-S8017E
WB330A	NF9340-S8018E
WB340A	NF9340-S8019E

[NOTES]
*1 : Cascading connection of FC switches is not supported.

*2 : For information on the path redundancy configuration, please refer to the FC SANBoot Configuration Guide.

*3 : WB6505 and WB6510 series are not include SFP+ module.
WB6505 and WB6510 series support 8G SFP+ module (NF9350-
and 16G SFP+ module (NF9350-SF16E/SF116E).
To use the port as 16Gbps, please use 16G SFP+ module and configure
the port speed setting as 16Gbps

*4 : Please order the 16G switch (WB6505 and WB6510 series). If you use
a 16G FC HBA (N8190-157A/-158A).

Storage	
Product Name	Product Order Number
M110 (FC Model)	NF5322-SR00E/SR01E +NF5322-SF06E x2 +NF5322-SF08E (8G) or NF5322-SFP16E(16G) (*1)
M310 (FC Model)	NF5322-SR00E/SR01E +NF5322-SF06E x2 +NF5322-SF08E (8G) or NF5322-SFP16E(16G) (*1)
M310F (FC Model)	NF5322-SR01TE +NF5322-SF06E x2 +NF5322-SF08E (8G) or NF5322-SFP16E(16G) (*1)
M510 (FC Model)	NF5352-SR00E +NF5352-SF06WE +NF5322-SF08E (8G) or NF5322-SFP16E(16G) (*1)
M710 (FC Model)	NF5372-SR00E +NF5372-SF06WE +NF5322-SF08E (8G) or NF5322-SFP16E(16G) (*1)
M710F (FC Model)	NF5372-SR00FE +NF5372-SF06WE +NF5322-SF08E (8G) or NF5322-SFP16E(16G) (*1)

[NOTES]
*1 : Direct connection between FC HBA and the storage is not supported.
It must be connected through the FC switch.

Software	
Product Name	Product Order Number
PFSupportPack/NEC Storage M110 Software set) (*1) (*3)	UFSFM00-H110G0E
NEC Storage BaseProduct Ver9.4 - M310(*1)	UFSM01-H310E0E
NEC Storage BaseProduct Ver9.4 - M310F(*1)	UFSM01-H31FE0E
NEC Storage BaseProduct Ver9.4 - M510(*1)	UFSM01-H510E0E
NEC Storage BaseProduct Ver9.4 - M710(*1)	UFSM01-H71E0E
NEC Storage BaseProduct Ver9.4 - M710F(*1)	UFSM01-H71FE0E
PFSupportPack/NEC Storage M100 Software set) (*1) (*3)	UFSFM00-H1000AE
NEC Storage BaseProduct Ver9.1 - M300(*1)	UFSM01-H300B0E
NEC Storage BaseProduct Ver9.1 - M500(*1)	UFSM01-H500B0E
NEC Storage BaseProduct Ver9.1 - M700(*1)	UFSM01-H700B0E
NEC Storage PathManager 6.3 for Linux (*2)	UFS203-R0063L0E

[NOTES]
*1 : Introduction of PerformanceNavigator of Optional-product is recommended.

*2 : NEC Storage M100 series bundles PathManager.

*3 : Product is bundled with NEC Storage M Series, but support is not bundled. Support must be

Optional Software	
Product Name	Product Order Number
NEC Storage Manager Suite Ver9.4 - M100 series	UFSM02-H10E0E0E
NEC Storage PerformanceMonitor Suite Ver9.4 - M100 series (*1)	UFSM51-H10E0E0E
NEC Storage PerformanceMonitor Suite Ver9.4 - M300 series (*1)	UFSM51-H30E0E0E
NEC Storage PerformanceMonitor Suite Ver9.4 - M500 series (*1)	UFSM51-H50E0E0E
NEC Storage PerformanceMonitor Suite Ver9.4 - M700 series (*1)	UFSM51-H70E0E0E
NEC Storage DynamicDataReplication - M110(*2)	UFSM58-H11001E
NEC Storage DynamicDataReplication - M310(*2)	UFSM58-H31001E
NEC Storage DynamicDataReplication - M310F(*2)	UFSM58-H31F01E
NEC Storage DynamicDataReplication - M510(*2)	UFSM58-H51001E
NEC Storage DynamicDataReplication - M710(*2)	UFSM58-H71001E
NEC Storage DynamicDataReplication - M710F(※2)	UFSM58-H71F01E
NEC Storage DynamicDataReplication - M100(*2)	UFSM58-H10000E
NEC Storage DynamicDataReplication - M300(*2)	UFSM58-H30000E
NEC Storage DynamicDataReplication - M500(*2)	UFSM58-H50000E
NEC Storage DynamicDataReplication - M700(*2)	UFSM58-H70000E
NEC Storage ControlCommand on Linux Ver9.4 Media kit - M series (*3)	UFSM67-000EL0E

[NOTES]
*1:NEC Storage PerformanceMonitor and NEC Storage PerformanceNavigator are bundled.

*2:When an OS image of Linux or a data area are backed up or restored.

*3:Before using the function of DynamicDataReplication in CLI, ControlCommand must be
Please prepare the ControlCommand corresponding to the OS of the management

VMware ESXi 5.1(Update 2 or later) / ESXi 5.5(Update 2 or later) / ESXi 6.0
OS Boot Mode : Legacy

Supported connection type			
FC HBA	Connection	Storage	Current Status
8G FC HBA N8190-159 / 160	direct (link Speed : 8G)	M11e / M110 / M310 / M310F / M510 / M710 / M710F	Supported
	via FC switch (link Speed	M11e / M110 / M310 / M310F / M510 / M710 / M710F	Supported
16G FC HBA N8190-157A / 158A	direct (link Speed : 16G)	M11e / M110 / M310 / M310F / M510 / M710 / M710F	Not supported
	via FC switch (link Speed	M11e / M110 / M310 / M310F / M510 / M710 / M710F	Supported

コメント:旧ストレージ画面をNavyGam.Windowsで検証したため解放

Server	
Product Name	Product Order Number
R120f-2M	N8100-2225F
	N8100-2226F
	N8100-2227F
	N8100-2228F
R120f-1M	N8100-2209F
	N8100-2210F
	N8100-2211F
	N8100-2212F
R120f-2E	N8100-2272F
	N8100-2273F
	N8100-2274F
	N8100-2275F
	N8100-2277F
R120f-1E	N8100-2249F
	N8100-2250F
	N8100-2251F
R120f-M	N8100-2239F
	N8100-2240F

OS	
Product Name	Product Order Number
-	-

[NOTES]
Please contact our sales representative if you want to purchase VMware license.

FC HBA	
Product Name	Product Order Number
Fibre Channel Controller (1ch)	N8190-159(*1)
Fibre Channel Controller (2ch)	N8190-160(*1)
Fibre Channel Controller (1ch)	N8190-157A(*1/2/3)
Fibre Channel Controller (2ch)	N8190-158A(*1/2/3)

[NOTES]
*1 : For information numbers of FC HBAs that can be installed in each device, slot on which the FC HBA can be installed, installation path, etc., please refer to the FC SAN Boot Configuration Guide.

*2 : This FC HBA is supported on ESXi 5.5 or later.

*3 : If you use a 16G FC HBA (N8190-157A/-158A), please order a 16G FC switch (WB6505 or WB6510 series), and upgrade the FW of the FC HBA to "10.2.470.14" or later.

FC Switch	
Product Name	Product Order Number
WB6505-012	NF9350-S8040E (*3)
WB6505-024	NF9350-S8041E (*3)
WB6510-024	NF9350-S8042E (*3)
WB6510-036	NF9350-S8043E (*3)
WB6510-048	NF9350-S8044E (*3)
WB310A	NF9340-S8017E
WB330A	NF9340-S8018E
WB340A	NF9340-S8019E

[NOTES]
*1 : Cascading connection of FC switches is not supported.

*2 : For information on the path redundancy configuration, please refer to the FC SANBoot Configuration Guide.

*3 : WB6505 and WB6510 series are not include SFP+ module.
WB6505 and WB6510 series support 8G SFP+ module (NF9350-
and 16G SFP+ module (NF9350-SF16E/SF116E).
To use the port as 16Gbps, please use 16G SFP+ module and configure
the port speed setting as 16Gbps

*4 : Please order the 16G switch (WB6505 and WB6510 series). If you use
a 16G FC HBA (N8190-157A/-158A).

Storage	
Product Name	Product Order Number
M110 (FC Model)	NF5322-SR00E/SR01E +NF5322-SF06E x2 +NF5322-SF08E (8G) or NF5322-SFP16E(16G) (*1)
M310 (FC Model)	NF5322-SR00E/SR01E +NF5322-SF06E x2 +NF5322-SF08E (8G) or NF5322-SFP16E(16G) (*1)
M310F (FC Model)	NF5322-SR01TE +NF5322-SF06E x2 +NF5322-SF08E (8G) or NF5322-SFP16E(16G) (*1)
M510 (FC Model)	NF5352-SR00E +NF5352-SF06WE +NF5322-SF08E (8G) or NF5322-SFP16E(16G) (*1)
M710 (FC Model)	NF5372-SR00E +NF5372-SF06WE +NF5322-SF08E (8G) or NF5322-SFP16E(16G) (*1)
M710F (FC Model)	NF5372-SR00FE +NF5372-SF06WE +NF5322-SF08E (8G) or NF5322-SFP16E(16G) (*1)

[NOTES]
*1 : Direct connection between FC HBA and the storage is not supported.
It must be connected through the FC switch.

Software	
Product Name	Product Order Number
PFSupportPack/NEC Storage M110 Software set) (*1) (*2)	UFSFM00-H110G0E
NEC Storage BaseProduct Ver9.4 - M310(*1)	UFSM01-H310E0E
NEC Storage BaseProduct Ver9.4 - M310F(*1)	UFSM01-H31FE0E
NEC Storage BaseProduct Ver9.4 - M510(*1)	UFSM01-H510E0E
NEC Storage BaseProduct Ver9.4 - M710(*1)	UFSM01-H71E0E
NEC Storage BaseProduct Ver9.4 - M710F(*1)	UFSM01-H71FE0E
PFSupportPack/NEC Storage M100 Software set) (*1) (*2)	UFSFM00-H1000AE
NEC Storage BaseProduct Ver9.1 - M300(*1)	UFSM01-H300B0E
NEC Storage BaseProduct Ver9.1 - M500(*1)	UFSM01-H500B0E
NEC Storage BaseProduct Ver9.1 - M700(*1)	UFSM01-H700B0E

[NOTES]
*1 : Introduction of PerformanceNavigator of Optional-product is recommended.

*2 : Product is bundled with NEC Storage M Series, but support is not bundled. Support must be

Optional Software	
Product Name	Product Order Number
NEC Storage Manager Suite Ver9.4 - M100 series	UFSM02-H10E0E0E
NEC Storage PerformanceMonitor Suite Ver9.4 - M100 series (*1)	UFSM51-H10E0E0E
NEC Storage PerformanceMonitor Suite Ver9.4 - M300 series (*1)	UFSM51-H30E0E0E
NEC Storage PerformanceMonitor Suite Ver9.4 - M500 series (*1)	UFSM51-H50E0E0E
NEC Storage PerformanceMonitor Suite Ver9.4 - M700 series (*1)	UFSM51-H70E0E0E
NEC Storage DynamicDataReplication - M110(*2)	UFSM58-H11001E
NEC Storage DynamicDataReplication - M310(*2)	UFSM58-H31001E
NEC Storage DynamicDataReplication - M310F(*2)	UFSM58-H31F01E
NEC Storage DynamicDataReplication - M510(*2)	UFSM58-H51001E
NEC Storage DynamicDataReplication - M710(*2)	UFSM58-H71001E
NEC Storage DynamicDataReplication - M710F(※2)	UFSM58-H71F01E
NEC Storage DynamicDataReplication - M100(*2)	UFSM58-H10000E
NEC Storage DynamicDataReplication - M300(*2)	UFSM58-H30000E
NEC Storage DynamicDataReplication - M500(*2)	UFSM58-H50000E
NEC Storage DynamicDataReplication - M700(*2)	UFSM58-H70000E
NEC Storage ControlCommand on Windows Ver9.4 media kit - M series (*3)	UFSM67-000EW0E
NEC Storage ControlCommand on Linux Ver9.4 Media kit - M series (*3)	UFSM67-000EL0E
NEC Storage PathManager 2.2 for VMware (*4)	UFS207-H002ZV0E

[NOTES]
*1: NEC Storage PerformanceMonitor and NEC Storage PerformanceNavigator are bundled.

*2: When an OS image of VMware ESX/ESXi, a virtual machine image of VMware, a physical
of a virtual machine are backed up or restored, DynamicDataReplication must be ordered.

*3: Before using the function of DynamicDataReplication in CLI, ControlCommand must be
Please prepare the ControlCommand corresponding to the OS of the management
Also, When the ControlCommand are installed on a virtual machine, Please prepare the
to the OS of the virtual machine.

*4: NEC Storage PathManager can be used with VMware vSphere. The editions of VMware vSphere are as follows:
VMware vSphere 5.x (ESXi 5.x) : Enterprise Edition/Enterprise Plus Edition (and Desktop Edition)
VMware vSphere 6.0 (ESXi 6.0) : Enterprise Edition/Enterprise Plus Edition (and Desktop Edition) / Standard Edition