

Intel® Modular Server System Unified Firmware Update (UFU) Package Content Matrix

September
2013

The below table provides the following information for all released Intel® Modular Server System Unified Firmware Update (UFU) packages:

- BIOS and Firmware versions included in the specific UFU release
- Supported Intel® Modular Server Systems and Intel® Compute Modules for each UFU release
- Additional notes/comments for the specific UFU release. UFU packages are listed with the most recent release first and the oldest release last.

Before installing a UFU package refer to the Release Notes contained within your specific UFU package for detailed information regarding new features, known issues, and step-by-step installation instructions.

Text in [blue](#) indicates a change from the previously released Intel® Modular Server System Unified Firmware Update Package.

UFU Version	UFU Release Date	Intel® Modular Server System	CMM GUI	Intel® Compute Module	BIOS	BMC	SAS FW	SAS Option ROM	EBF	Storage IOP	Storage Expander	Storage Redboot	ESM Boot Code	ESM FW	Fan Op Code	Fan Boot Block	Comments
Intel® Modular Server System MFSYS25V2 and Intel® Modular Server Virtualization Manager																	
V11.6	Mar-12	MFSYS25V2	11.6.100.20120307.34736	MFS5520VI	S5500.86B.01.20.0055	1.27.1	1.30.00.00-IR	6.30.00.00	2.18	3.8.0140.08	1.03.0140.71	1.01.0140.14	1.0.0.6	1.0.0.27	1.2	1.2	Update supported from V10.x and V11.5
V11.5	Oct-11	MFSYS25V2	11.5.100.20111014.32243	MFS5520VI	S5500.86B.01.20.0055	1.27.1	1.30.00.00-IR	6.30.00.00	2.18	3.8.0140.08	1.03.0140.71	1.01.0140.14	1.0.0.6	1.0.0.27	1.2	1.2	Update supported from 10.x
Intel® Modular Server System MFSYS25V2																	
V10.18	Sept-13	MFSYS25V2	10.18.100.20130627.38849	MFS2600KI	SE5C600.86B.01.06.0002	1.0.3616	1.33.00.00-IT	6.36.00.00	2.20	3.11.0140.11	1.03.0140.73	1.01.0140.14	1.0.0.6	1.0.0.28	1.2	1.2	Update supported from V10.x, V11.5 ¹ and V11.6 ²
				MFS5520VI	S5500.86B.01.00.0063	1.27.1	1.30.00.00-IR	6.30.00.00									
V10.16	Aug-12	MFSYS25V2	10.16.100.20120711.37212	MFS2600KI	SE5C600.86B.01.03.0002.062020121504	1.0.3616	1.33.00.00-IT	6.36.00.00	2.18	3.10.0140.02	1.03.0140.71	1.01.0140.14	1.0.0.6	1.0.0.28	1.2	1.2	Update supported from V10.x, V11.5 ³ and V11.6 ⁴
				MFS5520VI	S5500.86B.01.00.0060	1.27.1	1.30.00.00-IR	6.30.00.00									

UFU Version	UFU Release Date	Intel® Modular Server System	CMM GUI	Intel® Compute Module	BIOS	BMC	SAS FW	SAS Option ROM	EBF	Storage IOP	Storage Expander	Storage Redboot	ESM Boot Code	ESM FW	Fan Op Code	Fan Boot Block	Comments
V10.9	Apr-12	MFSYS25V2	10.9.100.20120307.34733	MFS5520VI	S5500.86B.01.00.0060	1.27.1	1.30.00.00-IR	6.30.00.00	2.18	3.10.0140.02	1.03.0140.71	1.01.0140.14	1.0.0.6	1.0.0.27	1.2	1.2	Update supported from V10.x
V10.8 ⁵	Feb-12	MFSYS25V2	10.8.100.20120126.33805	MFS5520VI	S5500.86B.01.00.0060	1.27.1	1.30.00.00-IR	6.30.00.00	2.18	3.9.0140.07	1.03.0140.71	1.01.0140.14	1.0.0.6	1.0.0.27	1.2	1.2	Upgrade to UFU V10.9 V10.8 is not supported
V10.4	June-11	MFSYS25V2	10.4.100.20110602.29753	MFS5520VI	S5500.86B.01.20.0055	1.26.3	1.30.00.00-IR	6.30.00.00	2.18	3.8.0140.08	1.03.0140.71	1.01.0140.14	1.0.0.6	1.0.0.27	1.2	1.2	Update supported from V10.1, and V10.3
V10.3	Jan-11	MFSYS25V2	10.3.100.20101103.24345	MFS5520VI	S5500.86B.01.00.0054	1.22.1	1.30.00.00-IR	6.30.00.00	2.17	3.7.0140.06	1.03.0140.71	1.01.0140.14	1.0.0.6	1.0.0.27	1.2	1.2	Update supported from V10.1
V10.1	Jan-11	MFSYS25V2	10.1.100.20101015.23981	MFS5520VI	S5500.86B.01.00.0050	1.22.1	1.30.00.00-IR	6.30.00.00	2.17	3.6.0140.05	1.03.0140.70	1.01.0140.14	1.0.0.6	1.0.0.27	1.2	1.2	
Intel® Modular Server System MFSYS25 and Intel® Modular Server System MFSYS35																	
V6.10	Apr-12	MFSYS25 MFSYS35	6.10.100.20120307.34729	MFS5000SI MFS5520VI	SB5000.86B.10.00.0050 S5500.86B.01.00.0060	1.36.6 1.27.1	1.30.00.00-IR	6.30.00.00	1.42	3.10.0140.02	1.03.0140.71	1.01.0140.14	1.0.0.6	1.0.0.27	1.2	1.2	Update supported from, V2.7, V3.0, V3.6, V4.0, V4.1, V5.0, V5.5, V6.0, V6.1, V6.6, V6.7, V6.8 and V6.9 Roll back not supported
V6.9 ⁶	Jan-12	MFSYS25 MFSYS35	6.9.100.20111207.32957	MFS5000SI MFS5520VI	SB5000.86B.10.00.0050 S5500.86B.01.00.0060	1.36.6 1.27.1	1.30.00.00-IR	6.30.00.00	1.42	3.9.0140.07	1.03.0140.71	1.01.0140.14	1.0.0.6	1.0.0.27	1.2	1.2	Upgrade to UFU V6.10 V6.9 is not supported,
V6.8	June-11	MFSYS25 MFSYS35	6.8.100.20110531.29714	MFS5000SI MFS5520VI	SB5000.86B.10.00.0050 S5500.86B.01.20.0055	1.36.6 1.26.3	1.30.00.00-IR	6.30.00.00	1.42	3.8.0140.08	1.03.0140.71	1.01.0140.14	1.0.0.6	1.0.0.27	1.2	1.2	Update supported from, V2.7, V3.0, V3.6, V4.0, V4.1, V5.0, V5.5, V6.0, V6.1, V6.6, or V6.7 Roll back not supported
V6.7	Mar-11	MFSYS25 MFSYS35	6.7.100.20110329.28522	MFS5000SI MFS5520VI	SB5000.86B.10.00.0050 S5500.86B.01.00.0055	1.36.6 1.20.1	1.30.00.00-IR	6.30.00.00	1.41	3.7.0140.06	1.03.0140.71	1.01.0140.14	1.0.0.6	1.0.0.27	1.2	1.2	Update supported from, V2.7, V3.0, V3.6, V4.0, V4.1, V5.0, V5.5, V6.0, or V6.1 Roll back to UFU 6.6 is supported

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V6.6	Dec-10	MFSYS25 MFSYS35	6.6.100.20101015.23953	MFS5000SI	SB5000.86B.10.00.0050	1.36.6	1.30.00.00-IR	6.30.00.00	1.41	3.7.0140.06	1.03.0140.71	1.01.0140.14	1.0.0.6	1.0.0.27	1.2	1.2	Update supported from, V2.7, V3.0, V3.6, V4.0, V4.1, V5.0, V5.5, V6.0, or V6.1
				MFS5520VI	S5500.86B.01.00.0054	1.20.1											Roll back to UFU 6.5 is supported
V6.5	July-10	MFSYS25 MFSYS35	6.5.100.20100630.21247	MFS5000SI	SB5000.86B.10.00.0050	1.36.6	1.30.00.00-IR	6.30.00.00	1.41	3.6.0140.05	1.03.0140.70	1.01.0140.14	1.0.0.6	1.0.0.27	1.2	1.2	Update supported from, V2.7, V3.0, V3.6, V4.0, V4.1, V5.0, V5.5, or V6.0
				MFS5520VI	S5500.86B.01.00.0050	1.20.1											Roll back <u>not</u> supported
V6.1	Apr-10	MFSYS25 MFSYS35	6.1.100.20100419.20225	MFS5000SI	SB5000.86B.10.00.0050	1.36.6	1.30.00.00-IR	6.30.00.00	1.37	3.5.0140.11	1.03.0140.70	1.01.0140.14	1.0.0.6	1.0.0.27	1.2	1.2	Update supported from, V2.7, V3.0, V3.6, V4.0, V4.1, V5.0, V5.5 or V6.0
				MFS5520VI	SB5000.86B.01.30.0048	1.19.2											Roll back <u>not</u> supported
V6.0	Mar-10	MFSYS25 MFSYS35	6.0.100.20100317.20104	MFS5000SI	SB5000.86B.10.00.0050	1.36.6	1.30.00.00-IR	6.30.00.00	1.37	3.5.0140.11	1.03.0140.70	1.01.0140.14	1.0.0.6	1.0.0.27	1.2	1.2	Update supported from, V2.7, V3.0, V3.6, V4.0, V4.1, V5.0 or V5.5
				MFS5520VI	S5500.86B.01.10.0048	1.19.2											Roll back <u>not</u> supported
V5.5	Dec-09	MFSYS25 MFSYS35	5.5.100.20091202.19584	MFS5000SI	SB5000.86B.10.10.0048	1.36.5	1.25.05	6.22.00.00	1.37	3.4.0140.08	1.03.0140.70	1.01.0140.14	1.0.0.6	1.0.0.27	1.2	1.2	Update supported from V2.7, V3.0, V3.6, V4.0, V4.1 or V5.0
				MFS5520VI	S5500.86B.01.10.0043	1.18.2											Roll back <u>not</u> supported
V5.0	Oct-09	MFSYS25 MFSYS35	5.0.100.20090928.19055	MFS5000SI	SB5000.86B.10.10.0048	1.36.4	1.25.02.00-IR	6.22.00.00	1.35	3.4.0140.05	1.03.0140.70	1.01.0140.14	1.0.0.6	1.0.0.27	1.2	1.2	Update supported from V2.7, V3.0, V3.6, V4.0 or V4.1
				MFS5520VI	S5500.86B.01.00.0038	1.17.4											Roll back <u>not</u> supported
V4.1	Sept-09	MFSYS25 MFSYS35	4.1.100.20090821.18604	MFS5000SI	SB5000.86B.10.10.0048	1.36.4	1.25.02.00-IR	6.22.00.00	1.35	3.3.0140.18	1.03.0140.68	1.01.0140.14	1.0.0.6	1.0.0.27	1.2	1.2	Update supported from V2.7, V3.0, V3.6, V4.0
				MFS5520VI	S5500.86B.01.00.0038	1.16.2											Roll back <u>not</u> supported
V4.0	Aug-09	MFSYS25 MFSYS35	4.0.100.20090813.18499	MFS5000SI	SB5000.86B.10.10.0048	1.36.4	1.25.02.00-IR	6.22.00.00	1.32	3.3.0140.18	1.03.0140.68	1.01.0140.14	1.0.0.6	1.0.0.27	1.2	1.2	Update supported from V3.6,
				MFS5520VI	S5500.86B.01.00.0038	1.16.2											Roll back <u>not</u> supported

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V3.6	June-09	MFSYS25 MFSYS35	3.6.100.20090701.18029	MFS5000SI	SB5000.86B.10.10.0048	1.36.1	1.25.02.00-IR	6.22.00.00	1.32	3.02.0140.15	1.03.0140.68	1.01.0140.12	1.0.0.6	1.0.0.27	1.2	1.2	Update supported from V3.0, V2.7
				MFS5520VI	S5500.86B.01.00.0038	1.15.1											
V3.0	May-09	MFSYS25 MFSYS35	3.0.100.20090504.17040	MFS5000SI	SB5000.86B.10.10.0048	1.35.3	1.25.02.00-IR	6.22.00.00	1.31	3.02.0140.15	1.03.0140.68	1.01.0140.12	1.0.0.6	1.0.0.27	1.2	1.2	Update supported from V2.7
				MFS5520VI	S5500.86B.01.10.0034	1.15.1											
V2.7 ⁷	Feb-09	MFSYS25 MFSYS35	2.7.100.20090226.16239	MFS5000SI	SB5000.86B.10.10.0048	1.35.1	1.25.02.00-IR	6.22.00.00	1.27	3.02.0140.15	1.03.0140.68	1.01.0140.12	1.0.0.6	1.0.0.27	1.2	1.2	Update supported from P2.6, P2.3.5, and P2.3.1
P2.6	Nov-08	MFSYS25 MFSYS35	2.6.100.20081120.14717	MFS5000SI	SB5000.86B.10.10.0048	1.34.9	1.25.02.00-IR	6.22.00.00	1.26	3.00.0140.77	1.03.0140.66	1.01.0140.10	1.0.0.6	1.0.0.27	1.2	1.2	Update supported from P2.3.5 and P2.3.1
P2.3.5	Oct-08	MFSYS25 Only	2.4.100.20081010.13743	MFS5000SI	SB5000.86B.10.10.0048	1.30.3	1.23.07.00	6.18.01.00	1.24	2.91.140.50	1.03.0140.02	1.01.0140.08	1.0.0.6	1.0.0.27	1.1	1.2	Update supported from P2.3.1
P2.3.1	Jun-08	MFSYS25 Only	2.4.100.20080610.11578	MFS5000SI	SB5000.86B.10.00.0043	1.30.3	1.23.07.00	6.18.01.00	1.24	2.91.140.50	1.03.0140.02	1.01.0140.08	1.0.0.6	1.0.0.27	1.1	1.2	Update supported from P2.2.3 and P2.2.2
P2.2.3	May-08	MFSYS25 Only	1.3.100.20080527.11328	MFS5000SI	SB5000.86B.10.00.0043	1.30.3	1.23.07.00	6.18.01.00	1.24	2.91.140.45	1.03.0140.01	1.01.0140.08	1.0.0.6	1.0.0.25	1.1	1.2	Update supported from P.2.2.2 and P2.0.7
P2.2.2	May-08	MFSYS25 Only	1.3.100.20080516.11151	MFS5000SI	SB5000.86B.10.00.0043	1.30.3	1.23.07.00	6.18.01.00	1.24	2.91.140.45	1.03.0140.01	1.01.0140.08	1.0.0.6	1.0.0.25	1.1	1.2	Update supported from P2.0.7
P2.0.7	Jan-08	MFSYS25 Only	1.2.100.01242008.9431	MFS5000SI	SB5000.86B.10.00.0035	1.27.1	1.20.00.00	6.14.00.00	1.23	2.91.140.11	1.02.140.81	1.00.140.52	1.0.0.6	1.0.0.25	1.1	1.2	
P2.0.5	Nov-07	MFSYS25 Only	1.1.100.11132007.8633	MFS5000SI	SB5000.86B.10.00.0032	1.25.1	1.20.00.00	6.14.00.00	1.2	2.91.140.11	1.02.140.81	1.00.140.52	1.0.0.6	1.0.0.25	1.1	1.2	
P2.0	Oct-07	MFSYS25 Only	1.1.100.10302007.8260	MFS5000SI	SB5000.86B.10.00.0032	1.22.2	1.20.00.00	6.14.00.00	1.2	2.91.140.11	1.02.140.81	1.00.140.52	1.0.0.6	1.0.0.25	1.1	1.2	
P1.0	Oct-07	MFSYS25 Only	1.0.100.10012007.7372	MFS5000SI	SB5000.86B.10.00.0030	13.8	1.20.00.00	6.14.00.00	1.2	2.91.140.1	1.02.140.81	1.00.140.52	1.0.0.6	1.0.0.25	1.1	1.2	

¹ UFU 10.16, 10.18 do not support Intel® Modular Server Virtualization Manager. Chassis updated from V11.5, 11.6 will no longer be able to use the Intel® Modular Server Virtualization Manager software features.

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- ² UFU 10.16, 10.18 do not support Intel® Modular Server Virtualization Manager. Chassis updated from V11.6 will no longer be able to use the Intel® Modular Server Virtualization Manager software features.
- ³ UFU 10.16, 10.18 do not support Intel® Modular Server Virtualization Manager. Chassis updated from V11.5 will no longer be able to use the Intel® Modular Server Virtualization Manager software features.
- ⁴ UFU 10.16, 10.18 do not support Intel® Modular Server Virtualization Manager. Chassis updated from V11.6 will no longer be able to use the Intel® Modular Server Virtualization Manager software features.
- ⁵ MFSYS25V2 chassis currently running Unified Firmware Update (UFU) V10.8 should update to UFU V10.9. UFU V10.8 is not supported.
- ⁶ MFSYS25 chassis currently running Unified Firmware Update (UFU) V6.9 should update to UFU V6.10. UFU V6.9 is not supported.
- ⁷ Naming convention change from Px.x to Vx.x. No change to UFU package structure.