

# **AMI Software Utility User Guide**

# AptioV DMIEDIT GUI User Guide

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Document Information

# Purpose

This document provides information to use the AptioV DmiEdit tools to update the SMBIOS.

# Audience

Generic BIOS Engineers, OEM Engineers, and Aptio Customers.

# **Change History**

Date	Revision	Description
2014-01-28	1.00	Initial document created and update content to latest released of DmiEdit.



Introduction

# **Overview**

DMIEdit stands for Desktop Management Interface Edit. It allows you to modify strings associated with SMBIOS tables. This utility works with Aptio firmware with SMBIOS support.

You can modify the following SMBIOS tables with DMIEdit:

- Bios Information (Type 0)
- System (Type 1)
- Base Board (Type 2)
- Chassis (Type 3)
- Processor Information (Type 4)
- OEM String (Type 11)
- System Configuration Options (Type 12)
- Portable Battery (Type 22)
- System Power Supply (Type 39)

**Note:** The System Firmware must support the SMBIOS specification.

# Requirements

### Supported Operation System

#### DMIEdit for Windows NT/ 2000/ XP/ PE/ Vista/ 7/ 8:

AMIDEWIN.EXE is supported in Windows NT platform series. It requires and the Windows NT platform driver amifldrv32.sys.

#### DMIEdit for 64 Bit Windows:

AMIDEWINx64.EXE is supported in Windows NT 64 Bit platform series. It requires and the Windows NT 64 Bit platform driver amifldrv64.sys.

### **Firmware Requirements**

DMI Editor (Desktop Management Interface Edit) program requires that the host system Firmware be an AMI Aptio V and above.

### **Operating System DLL/Driver Requirements**

amifldrv32.sysDriver for Microsoft® Windows® 32-Bit Operating Systemamifldrv64.sysDriver for Microsoft® Windows® 64-Bit Operating System



# **Getting Start**

## Installation

Copy **DMIEDIT.EXE** and **amifIdrv.sys** to any storage location accessible by the host system and then double-click **DMIEDIT** icon or type **DMIEDIT** in command prompt to run. Remember that these four files MUST be in same directory.

## **Main Window**

🎄 DMI EDITOR v1.31				
<u>File V</u> iew <u>U</u> ndo U <u>p</u> date <u>A</u> bout				
🖬 🕼 🕅 👬 👬				
SMBIOS Header	Name	Data Type	Data	
🔄 🗐 [Type 000] BIOS Informati	SMBIOS Signature	4 BYTEs	_SM_	
🔄 🔄 [Type 001] System Informa	SMBIOS Checksum	BYTE	BCh	
I [Type 002] Base Board/Mor	SMBIOS Table Length	BYTE	31 bytes	
I [Type 003] System Enclosur	SMBIOS Version	WORD	2.5	
	SMBIOS Max. Struc. Size	WORD	192	
Type UU4] Processor Inform	SMBIOS Point Revision	BYTE	00h	
🗄 🗐 [Type 006] Memory Modul 🦳	SMBIOS Formatted Area	5 BYTEs	00 00 00 00 00 00h	
🖅 🗐 [Type 007] Cache Informat	DMI Signature	5 BYTEs	_DMI_	
D D [Type 000] Boyt Connector	DMI Checksum	BYTE	4Ah	
	DMI Table Length	WORD	1809 bytes	
🛨 📲 [Type 009] System Slots 🛛 📔	DMI Table Address	DWORD	000F 06C0h	
🔄 🗐 [Type 010] On Board Devic	SMBIOS # Sture	WORD	49	
🔲 🗐 [Type 011] OEM Strings 🛛	DMI Revisiion	BYTE	0.0	
Ready			NUI	M

## Menu Bar

The Menu bar is located at the top of the DMI Editor window. The Menu bar contains the following:

- •File drop-down menu
- •View drop-down menu
- •Undo drop-down menu
- •Update drop-down menu
- About



🏂 DMI EDITOR v1.31				
<u>F</u> ile <u>V</u> iew <u>U</u> ndo U <u>p</u> date <u>A</u> bout				
🛛 🖬 🕼 🕅 📶 👬				
SMBIOS Header	Name	Data Type	Data	
📕 🔚 [Type 000] BIOS Informati	SMBIOS Signature	4 BYTEs	_SM_	
Type 001] System Informa	SMBIOS Checksum	BYTE	BCh	E
[Type 002] Base Board/Mo	SMBIOS Table Length	BYTE	31 bytes	
I Type 003] System Enclosu	SMBIOS Version	WORD	2.5	
Tyme 0041 Processor Inform	SMBIOS Max. SITUE, Size	DVTE	192 00b	
E I I I I I I I I I I I I I I I I I I I	SMBIOS Formatted Area	5 BVTFs		
[Type 000] - Memory Modul	DMI Signature	5 BYTEs	DMI	
	DMI Checksum	BYTE	4Ah	
E = E = Connector	DMI Table Length	WORD	1809 bytes	
I ⊞ [Type 009] System Slots	DMI Table Address	DWORD	000F 06C0h	
📕 🔚 [Type 010] On Board Devic	SMBIOS # Sture	WORD	49	
📳 🔄 🗐 [Type 011] OEM Strings 🛛 🔛	DMI Revisiion	BYTE	0.0	$\sim$
				$\mathbf{>}$
Ready			N	UM //

# File Drop-down Menu Options

🏦 L	DMI EDITOR v1.3	31				
File	<u>V</u> iew <u>U</u> ndo U <u>p</u> e	date <u>A</u> bout				
	Save Ctrl+S	ALL THE				
ø	Save All		Name	Data Type	Data	
	Fyit	S Informati	SMBIOS Signature	4 BYTEs	_SM_	
	<u>– – – – – – – – – – – – – – – – – – – </u>	em Informa	SMBIOS Checksum	BYTE	BCh	
l Ì	🗐 [Type 002] Ba:	se Board/Moi –	SMBIOS Table Length	BYTE	31 bytes	
	אנייי ביין 1200 מעריין דער און אין דער אין אין דער אין אינייי אין דער א	rtem Enclosur	SMBIOS Version	WORD	2.5	
L L	ing [Type 005] Sys		SMBIOS Max. Struc. Size	WORD	192	
[Type 004] Processor Infor SMBIOS Point Revision BYTE 0			00h			
÷…	🗐 [Туре ООб] Ме	mory Modul 💳	SMBIOS Formatted Area	5 BYTEs	00 00 00 00 00h	
	🗐 [Type 0071 Ca	che Informat	DMI Signature	5 BYTEs	_DMI_	
	I [Type 000] Dev	t Compostor	DMI Checksum	BYTE	4Ah	
			DMI Table Length	WORD	1809 bytes	
	🌒 [Type 009] នអូទ	stem Slots	DMI Table Address	DWORD	000F 06C0h	
. ···· (	🗐 [Type 010] On	Board Devic	SMBIOS # Sture	WORD	49	
l Ì	🗐 [Type 011] OE	M Strings 🛛 🔽	DMI Revisiion	BYTE	0.0	
					N	UM /

File Menu Item List				
Name	Description			
Save	Save current type information to specific path/filename.			
Save All	Save all type information to specific path/filename.			
Exit	Quit program.			



# **View Drop-down Menu Options**

<b>A</b> 1	)EII E	iditor vi.	31				
File	<u>V</u> iew	<u>U</u> ndo Up	date <u>A</u> bout				
	~	<u>T</u> oolbar	ALL THE				
E	~	<u>S</u> tatus Bar		Name	Data Type	Data	
	4	Refres <u>h</u>	l Informati m Informa	SMBIOS Signature SMBIOS Checksum	4 BYTEs BYTE	_SM_ BCh	E
i	<b>1</b> [T <sub>2</sub>	уре 002] Ва	se Board/Mo	SMBIOS Table Length	BYTE	31 bytes	
- Č	<b>)</b> (Ty	уре 003] Sy	rstem Enclosu	SMBIOS Version SMBIOS Max Struc Size	WORD	2.5	
- Ē	🗊 (T)	ype 004] Pra	ocessor Inforr	SMBIOS Point Revision	BYTE	00h	
÷	🗊 (T)	уре 006] Ме	emory Modul 💻	SMBIOS Formatted Area	5 BYTEs	00 00 00 00 00h	
÷	🗊 (T)	уре 007] Са	che Informat	DMI Signature	5 BYTEs	_DMI_	
÷	🗐 (T)	уре 008] Ро	rt Connector	DMI Checksum	BYTE	4从九 1900 bates	
÷	Π (T	уре 009] Sy	stem Slots	DMI Table Address	DWORD	1009 Dytes 000F 06C0b	
ř	Π IT	уре 010] Ол	n Board Devic	SMBIOS # Sturc	WORD	49	
i	Π IT.	уде 0111 OE	EM Strings 🛛 🔽	DMI Revisiion	BYTE	0.0	
		III ]					N
						N	UM //

	View Menu Item List			
Name	Description			
Toolbar	Display or hide the <i>Toolbar</i> . The <i>Toolbar</i> is displayed under the <i>Menu bar</i> .			
Status Bar	Display or hide the <i>Status Bar</i> . The <i>Status Bar</i> is at the bottom of the DMI Editor window.			
Refresh	Reload all SMBIOS information from actual BIOS ROM.			

# Undo drop-down menu options.

🏂 DMI EDITOR v1.31				
<u>File View Undo</u> Update <u>A</u> bout				
🔚 📶 👬 🙀 Current Type	Name	Data Type	Data	
🔤 [Type UUU] BIUS Informati	SMBIOS Signature	4 BYTEs	_SM_	
🔄 🔄 [Type 001] System Informa	SMBIOS Checksum	BYTE	BCh	
I Type 0021 Base Board/Mo	SMBIOS Table Length	BYTE	31 bytes	
I Type 0031 System Enclosu	SMBIOS Version	WORD	2.5	
IType 0041 Processor Inform	SMBIOS Max. SITUE, Size	DVTE	192	
I Type 0061 Memory Modul	SMBIOS Formatted Area	5 BVTFs		
I I I I I I I I I I I I I I I I I	DMI Signature	5 BYTEs	DMI	
	DMI Checksum	BYTE	4Ah	
H [Iype 008] Port Connector	DMI Table Length	WORD	1809 bytes	
⊕… 🗐 [Type 009] System Slots	DMI Table Address	DWORD	000F 06C0h	
🔄 🗐 [Type 010] On Board Devic	SMBIOS # Sture	WORD	49	
🛛 🔤 [Type 011] OEM Strings 🛛 💟	DMI Revisiion	BYTE	0.0	
			NU	M _//



Undo menu item list			
Name	Description		
All	Write all SMBIOS information to actual BIOS ROM.		
Current Type	Write current type information to actual BIOS ROM.		

### About

The *About* menu is used to display DMIEdit copyright information.

A DMI EDITOR v1.31	
<u>File Y</u> iew <u>U</u> ndo Update <u>A</u> bout	
🖬 🕼 🚺 About DMI EDITOR	
Image: SM Image	
Ready	

## Toolbar

The toolbar is located under the menu bar.

🎰 DMI EDITOR v1.31				
<u>File V</u> iew <u>U</u> ndo U <u>p</u> date <u>A</u> bout				
📕 🕼 🖄 👬 👬 📶 📶				
SMBIOS Header	Name	Data Type	Data	
📳 [Type 000] BIOS Informati	SMBIOS Signature	4 BYTEs	_SM_	
📕 🗐 [Type 001] System Informa	SMBIOS Checksum	BYTE	BCh	
[Type 002] Base Board/Mo	SMBIOS Table Length	BYTE	31 bytes	
🗐 [Type 003] System Enclosu	SMBIOS Version	WORD	2.5	
I Type 0041 Processor Inform	SMBIOS Max. Shot: Size	BVTE	192 00b	
+ I [Type 006] Memory Modul	SMBIOS Formatted Area	5 BYTEs	00 00 00 00 00 00h	
E I I I I I I I I I I I I I I I I I I I	DMI Signature	5 BYTEs	_DMI_	
E [Type 009] - Port Connector	DMI Checksum	BYTE	4Ah	
	DMI Table Length	WORD	1809 bytes	
	DMI Table Address	DWORD	000F06C0h	
[Type UIU] On Board Devic	SMBIOS # Sture	WORD	49	
📕 🗐 [Type 011] OEM Strings 🔛	DMI Revision	BYIE	0.0	<b></b>
Ready			NU	JM/



There are a number of *Toolbar* icons. These icons allow you easy access to some standard tools used in the DMI Editor. The following table describes the *Toolbar* icons in detail.

	Toolbar icon item list								
lcon	Description								
	Save current type information to specific path/filename.								
Ø	Save all type information to specific path/filename.								
¢	Reload all SMBIOS information from actual BIOS ROM.								
ÂLL	Reload all SMBIOS information from buffer.								
TYPE	Reload current type information from buffer.								
Χu	Write all SMBIOS information to actual BIOS ROM.								
TYPE	Write current type information to actual BIOS ROM.								

## Type Frame

This frame is located under the *Menu Bar* and the *Toolbar*. It displays the identifiable SMBIOS structure types. If a type is unidentifiable, it will display as "**[Type XXX] – Unknown Type**". Scroll down to see more types.

🎄 DMI EDITOR v1.31				
<u>File V</u> iew <u>U</u> ndo U <u>p</u> date <u>A</u> bout				
📕 🕼 🙆 ሕ 🐜 📶 👘				
SMBIOS Header	Name	Data Type	Data	
🔤 🗐 [Type 000] BIOS Informati	SMBIOS Signature	4 BYTEs	_SM_	
🔤 🗐 [Type 001] System Informa	SMBIOS Checksum	BYTE	BCh	E
IType 002] Base Board/Mor	SMBIOS Table Length	BYTE	31 bytes	
[Type 003] System Enclosu:	SMBIOS Version	WORD	2.5	
	SMBIOS Max. Strue. Size	WORD	192	
	SMBIOS Point Revision	BYIE	UUh 00.00.00.00.001	
🖅 🔠 [Type UU6] Memory Modul	SMBIOS Formatted Area	5 BY IES	00 00 00 00 00 00h	
庄 🗐 [Type 007] Cache Informat	DMI Signature	DUTE	_DMI_	
🗄 🗐 [Type 008] Port Connector	DMI Checksum DMI Table Length	MORD	4AR 1000 hutee	
🖅 🗐 [Type 009] System Slots	DMI Table Address	DWORD	0000006001	
IType 010] On Board Devic	SMBIOS # Sture	WORD	1000F 00C0n	
ITyme (111] OFM Strings	DMI Revisiion	BYTE	0.0	
Ready	,		NU	M



## **Info Frame**

This frame is located under the *Menu Bar* and the *Toolbar*. It displays the current type's information. Scroll down to see more information.

🎄 DMI EDITOR v1.31				
<u>File ⊻</u> iew <u>U</u> ndo U <u>p</u> date <u>A</u> bout				
🖬 🕼 🖄 👬 👬 📶				
SMBIOS Header	Name	Data Type	Data	<u> </u>
🔄 🗐 [Type 000] BIOS Informati	SMBIOS Signature	4 BYTEs	_SM_	
🔄 🗐 [Type 001] System Informa	SMBIOS Checksum	BYTE	BCh	
I Type 0021 Base Board/Mor	SMBIOS Table Length	BYTE	31 bytes	
I Tyme 0031 System Enclosur	SMBIOS Version	WORD	2.5	
[Type 004] Processor Inform	SMBIOS Max. Struc. Size	WORD	192	
	SMBIOS Found Revision	5 DVTE	00.00.00.00.001	
	DMI Simeture	5 BVTE	DMI	
E [Type UU7] Cache Informat	DMI Checksum	BYTE	4Ah	
🗄 🗄 🗐 [Type 008] Port Connector	DMI Table Length	WORD	1809 bytes	
🗄 🗐 [Type 009] System Slots	DMI Table Address	DWORD	000F06C0h	
🔄 🗐 [Type 010] On Board Devic	SMBIOS # Sture	WORD	49	
📕 🗐 [Type 011] OEM Strings  💟	DMI Revisiion	BYTE	0.0	
	<			
Ready			N	UM //

## **Status Bar**

The *Status bar* is located under the *Type Frame* and the *Info Frame*. The left area of the *Status Bar* describes actions of menu items as you use the arrow keys to navigate through menus. The right area of the *Status Bar* indicates if any of the following keys are latched:

Item	Description							
САР	The <caps lock=""> key is latched down.</caps>							
NUM	The <num lock=""> key is latched down.</num>							
SCRL	The <scroll lock=""> key is latched down.</scroll>							

🏂 DMI EDITOR v1.31				
<u>File V</u> iew <u>U</u> ndo U <u>p</u> date <u>A</u> bout				
🖬 🕼 🖆 👗 Tre 📶 Tre				
SMBIOS Header	Name	Data Type	Data	
🔄 🗐 [Type 000] BIOS Informati	SMBIOS Signature	4 BYTEs	_SM_	
📕 🔚 [Type 001] System Informa	SMBIOS Checksum	BYTE	BCh	
I Type 0021 Base Board/Mo	SMBIOS Table Length	BYTE	31 bytes	
ITyme 0031 System Enclosur	SMBIOS Version	WORD	2.5	
[Type 004] Process Inform	SMBIOS Max. Struc. Size	WORD	192	
	SMBIOS Foint Revision	BY IE	00 00 00 00 001	
I I The Oop Memory Modul	DMBIOS Formatied Area	5 BTIES	00 00 00 00 00n	
🗄 🕀 🗐 [Type 007] Cache Informat	DMI Signature	DUTE	_DMI	
🗄 🗄 – 🗐 [Type 008] Port Connector	DMI Table Length	MORD	4AJI 1000 hadaa	
F [] [Type 009] System Slots	DMI Table Address	DWORD	1009 Dytes	
Type 0101 On Board Devic	SMBIOS # Sture	WORD	49	
I [Type 011] OEM Strings	DMI Revisiion	BYTE	0.0	
Ready			N	UM



## **Functions**

To use DMIEdit, you can double-click the executable file icon to open Main Window. For non-AMIBIOS system, **Undo** and **Update** menus will be hidden.

#### **Browsing SMBIOS Information**

Choose a type with a single-click on *Type Frame* and then the related information will be displayed at *Info Frame* immediately. Drop the scroll bars to see more types and information.

#### Saving SMBIOS Information to File

- 1. Choose a type which you do like to save in the *Type Frame*.
- 2. Open *File* drop-down menu and select *Save* item, or click **I** icon on *Toolbar*.

🏦 D	🛦 DMI EDITOR v1.31 📃 🗖 🔀								
<u>F</u> ile	<u>File View Undo Update About</u>								
	🔚 Save Ctrl+S 🕺 🥂								
Ø	Save A <u>l</u> l		Name	Data Type	Data 🔼				
	Exit	S Informati	SMBIOS Signature	4 BYTEs	_SM_				
		em Informa	SMBIOS Checksum	BYTE	BCh				
<u>í</u>	🚺 ГТуре 0021 Ва:	se Board/Mo	SMBIOS Table Length	BYTE	31 bytes				
	[[Tyme 003] Sys	stem Enclosu	SMBIOS Version	WORD	2.5				
	][[[]]][[]][[]]][[]]][[]][[]]][[]][[]]][[]]][[]][[]]][[]]][[]][[]]][[]]][[]][[]]][[]][[]]][[]]][[]][[]]][[]][[]]][[]][[]]][[]][[]][[]][[]]][[]][[]]][[]][[]]][[]][[]]][[]][[]]][[]][[]][[]]][[]][[]]][[]][[]][[]][[]][[]]][[]][[]][[]]][[]][[]][[]][[]]][[]][[]]][[]][[]][[]]][[]][[]][[]]][[]][[]]][[]][[]][[]][[]][[]]][[][]	Line Line	SMBIUS Max. Struc. Size	WORD	192				
	[[[[]]][[]]][[]][[]][[]][]][][]][][]][]		SMBIUS Point Revision	BY IE	UUN 00.00.00.00.001				
U	📱 [Туре ООБ] Ме	mory Modul	DMI Sim show	5 BY IES	00 00 00 00 00 00n				
÷	📕 [Type 007] Cad	che Informat	DMI Signature	DUTE	_DMI_				
	🛚 [Type 008] Por	rt Connector	DMI Toble Length	WORD	4AA 1900 hatee				
	I ГТуре 0091 Sys	stem Slots	DMI Table Address	DWORD	1009 Dytes				
	ייים ביין דייים אין אין אין אין אין דיין דיין אין אין אין אין אין אין אין אין אין	Board Devic	SMBIOS # Sture	WORD	AQ				
	[[[]] [[]] [[]] [[]] [] [] [] [] [] [] [	M Chain an	DMI Revision	BVTE	00				
	I [Type OII] OE			2110					
Save t	he current type infor	rmation to file			NUM				
<i>3.</i> Ir	3 Input path/file name in dialog box and press Save to get information file or press								

#### Saving All SMBIOS Information to File

to ignore the function.

Cancel

1. Open the *File* drop-down menu and select *Save All* item or click icon on *Toolbar*.



🏄 DMI EDITOR v1.31				
<u>File V</u> iew <u>U</u> ndo U <u>p</u> date <u>A</u> bout				
🔚 Save Ctrl+S 📶 🌆				
🗊 Save All	Name	Data Type	Data	
S Informati	SMBIOS Signature	4 BYTEs	_SM_	
em Informa	SMBIOS Checksum	BYTE	BCh	E
I Tyme 0021 Base Board/Mor	SMBIOS Table Length	BYTE	31 bytes	
[[Type 002] Syntam England	SMBIOS Version	WORD	2.5	
	SMBIOS Max. Strue. Size	WORD	192	
[Type 004] Processor Inform	SMBIOS Point Revision	BYTE	00h	
📗 🗄 📲 [Type 006] Memory Modul	SMBIOS Formatted Area	5 BYTEs	00 00 00 00 00 00h	
🕂 🗐 [Type 007] Cache Informat	DMI Signature	5 BYTEs	_DMI_	
	DMI Checksum	BYTE	4Ah	
	DMI Table Length	WORD	1809 bytes	
I 🕀 🗐 [Type 009] System Slots	DMI Table Address	DWORD	000F 06C0h	
📕 🔚 [Type 010] On Board Devic	SMBIOS # Sture	WORD	49	
📲 🗐 [Tyme 011] OFM Strings 📲	DMI Revisiion	BYTE	0.0	
				×
Save all type information to file			NU	М ///

2. Input path/file name on dialog box and press <Save> to get information file or press <Cancel> to ignore the function. The dialog box is same as <u>above</u>.

#### Updating SMBIOS Type

This function is valid only on AMIBIOS system.

1. As the SMBIOS specification states, not all type can be updated. Therefore, you have to know which types contain editable items.

🎄 DMI EDITOR v1.31			
<u>File V</u> iew <u>U</u> ndo U <u>p</u> date <u>A</u> bout			
🖬 🕼 流 👬 📶			
📰 🗐 SMBIOS Header 🛛 🔼	Name	Data Type	Data 🔼
[Type 000] BIOS Informati	Struc. Length Struc. Handle	BYTE WORD	27 bytes 0001h
[Type 002] Base Board/Mo	Manufacturer Product Name	STRING	ASUSTeK Computer INC. P5KPL-AM(BM)
[Type 003] System Enclosu	Version	STRING	x.0x
I Type 004] Processor Inform	Serial Number UUID	STRING 16 BY TEs	MB-1234567890 E0 49 94 6F 1A 2D DE 11 A7 8
	Wake-up Type	BYTE	06h Power Switch
E… I [Type 008] Port Connector E…I [Type 009] System Slots	SKUNumber Family	STRING STRING	To Be Filled By O.E.M. To Be Filled By O.E.M.
Ready			NUM //



2. Select an item that will be modified.

🚖 DMI EDITOR v1.31								
<u>F</u> ile <u>V</u> iew <u>U</u> ndo U <u>p</u> date <u>A</u> bout								
🖬 🕼 📩 👬 👬								
	Name	Data Type	Data 🔼					
🔄 🗐 [Type 000] BIOS Informati	Strue. Length	BYTE	27 bytes					
🔄 🗐 [Type 001] System Informa	Strue. Handle	WORD	0001h					
IType 0021 Base Board/Mo	Manufacturer	STRING	ASUSTeK Computer INC.					
I Type 002] System Encloser	Product Name	STRING	P5KPL-AM(BM)					
	Version	STRING	x.0x					
[Type 004] Processor Inform	Serial Number	STRING	MB-1234567890					
🗄 📲 [Type 006] Memory Modul	UUID	16 BYTEs	E0 49 94 6F 1A 2D DE 11 A7 {					
🕀 🗐 [Type 007] Cache Informat	Wake-up Type	BYTE	06h					
D D [Type 000] Boyt Connector			Power Switch					
	SKUNumber	STRING	To Be Filled By O.E.M.					
🗄 🗄 🗐 [Type 009] System Slots 🛛 💟	Family	STRING	To Be Filled By O.E.M. 🛛 🔽					
			D					
Ready			NUM //					

3. Double-click on the item to enter edit dialog box. The dialog box displays the selected item with related information and allows you to modify the value field. After changing the string value, you can press <OK> to submit the change or <Cancel> to ignore the change.

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SMBIOS Heade	er	_		Name						Data T	уре	Da	ata						
🗐 [Type 000] E	BIOS Info	ormatij		Struc. 1	Length	ι				BYTE		27	bytes						
[Type 001] S	ystem In	forma		Struc. 1	Handle					WORI	)	00	O1h	V Car		INC			
🗐 [Type 002] E	Base Boai	d/Mo		Manus	acturer	[				SIKIN		A.	sus le	K COL	npuler	INC.			
[Type 003] S	DMI B	ditor	[T	уре	1]	Syste	<u>m Inf</u>	orna	iion								×		
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	Man	ufact	urer					- s		G						(	0K		
🗄 🗐 [Type 009] S	Strin	g Val	lue :																
📕 🗐 [Type 010] (	ASU	STek	Сог	noute	er IN	с.										(	Cancel		
[Туре 011] 🤇																		L	
[Type 013] I	41	53	55	53	54	65	4B	20	43	6F	6D	70	75	74	65	72			
[[Type 015] 3	20	49	4E	43	2E														
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4. Open the Update drop-down menu and select Current Type item or single click the icon on Toolbar.

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👘 🗐 SMBIOS Hea 👬 Current Type	ame	Data Type	Data 🔼
🔄 🗐 [Type 000] BIUN Informatio	Strue. Length	BYTE	27 bytes
🔄 🔤 [Type 001] System Informa	Struc. Handle	WORD	0001h
I Type 002] Base Board/Mo	Manufacturer	STRING	ASUSTeK Computer INC.
I Type 003] System Enclosu	Product Name	STRING	P5KPL-AM(BM)
IType 0041 Processor Inform	Version Seriel Number	STRING	X.0X MR-1224567900
E I I I I I I I I I I I I I I I I I I I	IIIIID	16 BY TEs	F0 49 94 6F 1A 2D DE 11 A7 83 00 24 8C DA 5D
I I I I I I I I I I I I I I I I I I I	Wake-up Type	BYTE	O6h
			Power Switch
	SKUNumber	STRING	To Be Filled By O.E.M.
	Family	STRING	To Be Filled By O.E.M.
[Type 010] On Board Devic			
🛛 🗐 [Type 011] OEM Strings			
🔄 🗐 [Type 013] BIOS Language			
🔄 🗐 [Type 015] System Event L			
[Type 016] Physical Memor			
+ I Type 017] Memory Device			_
	<		>
Update the current action			NUM

5. Press <Yes> to confirm the update instruction or <No> to ignore.

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E SI	MBIOS Header 🛛 🔼	Name		Data Type	Data	
- 🗐 (1	Type 000] BIOS Informati	Struc. Len	gth	BYTE	27 bytes	
- I II I	Type 001] System Informa	Strue. Han	dle	WORD	0001h	
l 🗐 [1	Type 002] Base Board/Mo	Manufactu Product M	rer	STRING	P5KPL-A	(Computer INC M(BM)
- 🗐 (1	Type 003] System Enclosu	Tiodactin	une	STRING	I JAIL-A	
I I I I I I I I I I I I I I I I I I I	Type 004] Processor Infor D	MI EDITO	R		23	567890
E []	Type 006] Memory Modu					5F 1A 2D DE 11 A7 83 00 24 8C DA 5D :
Ē. 🗐 (j	Type 007] Cache Informa					tch
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	Type 009] System Slots		Are you sure to u	odate data ?		ed By O.E.M
	Type 010] On Board Devi		· · · · <b>/</b> · · · · · · · · ·			
	Type 011] OEM Strings					
	Type 013] BIOS Languag					
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			res	INO		



- 6. Now is updating data when the instruction is confirmed.
- 7. Update is done. You will get the notice dialog box pictured below. Press <OK> to finish the update operation.

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🖬 🕼 🖄 👬 🖬 📶				
SMBIOS Header	Name	Data Type	Data	
📳 [Type 000] BIOS Informati	Struc. Length	BYTE	27 bytes	
[Type 001] System Informa	DIMEDITOR	WORD	00011	Computer INC
[Type 002] Base Board/Mo	DIVILEDITOR		<u> </u>	(BM)
[Type 003] System Enclosu				
[Type 004] Processor Inforr	-			67890 17 1 4 20 05 11 47 82 00 24 80 0 4 50
E [1ype 006] Memory Modul	🔺 Undeting DM		a	FIA 2D DE II A7 65 00 24 6C DA JD.
	Updating DMI data done!			ch 🛛
The Information State St				d By O.E.M d By O.E.M
[Type 010] On Board Devic				и Бу О.Е.М
[Type 011] OEM Strings				
📳 [Type 013] BIOS Language 🔽		01		
		OK		
Ready				NUM //

#### Updating All SMBIOS Types

This function is valid only on AMIBIOS system.

- 1. Repeat step.1-3 of Update SMBIOS Type to modify items.
- 2. Open Update drop-down menu and select All or click the <All> icon on Toolbar.

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🖬 🕼 🔂 📶 👗 All						
	ame	Data Type	Data 🔼			
🔄 🗐 [Type 000] BIOS Informate	Struc. Length	BYTE	27 bytes			
🔄 🗐 [Type 001] System Informa	Struc. Handle	WORD	0001h			
[Type 002] Base Board/Mo	Manufacturer	STRING	ASUSTeK Computer INC			
I [Type 003] System Enclosu	Product Name	STRING	P5KPL-AM(BM)			
[Type 004] Processor Inform	Version Seriel Number	STRING	X.UX MD 1224567000			
E [Type 006] Memory Modul		16 BVTFs	F0 49 94 6F 1A 2D DF 11 A7 83 00 24 8			
I [Type 000] - Memory Modul	Wake-up Type	BYTE	06h			
H [19pe 007] Cashe Informat			Power Switch			
I [Iype 008] Port Connector	SKUNumber	STRING	To Be Filled By O.E.M			
[ ∓ 🗐 [Type 009] System Slots	Family	STRING	To Be Filled By O.E.M			
🛛 🗐 [Type 010] On Board Devic						
📕 🔚 [Type 011] OEM Strings 🛛 🔛			✓			
			>			
Update all action NUM						

3. See steps 5-7 of Update SMBIOS Type to finish the update operation.



#### Undoing Current Type and Undoing All

Undo function can restore the original value before you execute the update operation. To undo current type value, open Undo drop-down menu and select Current Type item or click <Type> icon on Toolbar.

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<u>File View Undo</u> Update <u>A</u> bout				
📰 SME 🙀 Current Type	Name	Data Type	Data.	
[Type UUU] BIUS Information	Struc. Length	BYTE	27 bytes	
🗐 [Type 001] System Informa	Strue. Handle	WORD	0001h	
IType 0021 Base Board/Mo	Manufacturer	STRING	ASUSTeK Computer INC	
[Tyme 003] System Enclosur	Product Name	STRING	P5KPL-AM(BM)	
[Turne 004] Processor Inform	Version	STRING	X.UX	
	Serial Number	16 DVTE	MB-1234007890 E0 40 04 6E 14 9D DE 11 47 92 00 94 9	
El [lype 006] Memory Moau	Wake-up Time	DVTE	E0 49 94 0F IA 2D DE II A7 65 00 24 6 065	
🗄 🗐 [Type UU7] Cache Informat	wake-up Type	DITE	Power Switch	
🛨 🗐 [Type 008] Port Connector	SKUNumber	STRING	To Be Filled By O E M	
庄 🗐 [Type 009] System Slots	Family	STRING	To Be Filled By O.E.M	
📕 🔚 [Type 010] On Board Devic				
📕 🗐 [Type 011] OEM Strings 🛛			$\sim$	
Undo the current action NUM				

To undo all type value, open Undo drop-down menu and select All item Or single click <ALL> icon on Toolbar.

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🖬 🕼 🛛 🖓 All			
🔚 🔚 SME 🙀 Current Type 🛛	Name	Data Type	Data.
📳 [Type UUU] BIUS Informati	Struc. Length	BYTE	27 bytes
🔄 🗐 [Type 001] System Informa	Struc. Handle	WORD	0001h
[Type 002] Base Board/Mo	Manufacturer	STRING	ASUSTEK Computer INC
[Type 003] System Enclosu	Version	STRING	PDKPL-AM(BM)
[Type 004] Processor Inform	Serial Number	STRING	MB-1234567890
+ I [Type 006] Memory Modul	UUID	16 BYTEs	E0 49 94 6F 1A 2D DE 11 A7 83 00 24 8
E Π [Type 007] Cache Informat	Wake-up Type	BYTE	06h
E I I I I I I I I I I I I I I I I I I I			Power Switch
	SKUNumber	STRING	To Be Filled By O.E.M
	Family	STRING	To Be Filled By O.E.M
[Iype 010] On Board Devic			
I I I I I I I I I I I I I I I I I I I	<		
Undo all action			NUM //