KGPE-D16
How to identify MB default loaded Opteron 6200 CPU BIOS

By ASUS Server BU
Sep 27, 2011
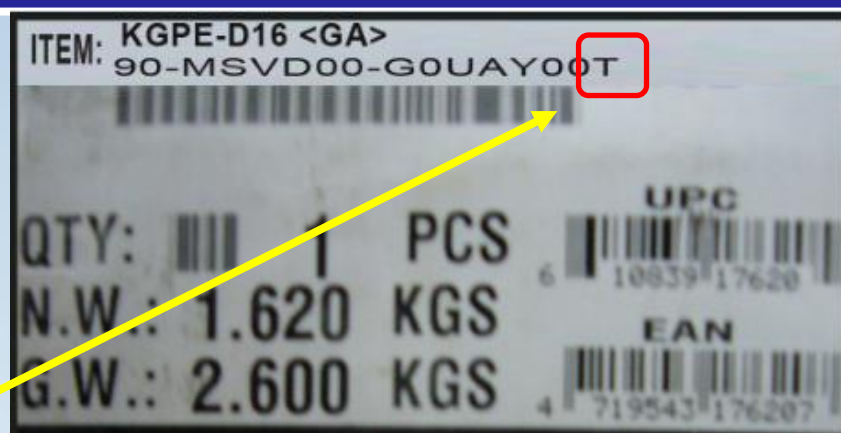
How to identify MB default loaded Opteron 6200 CPU BIOS
Outer Carton

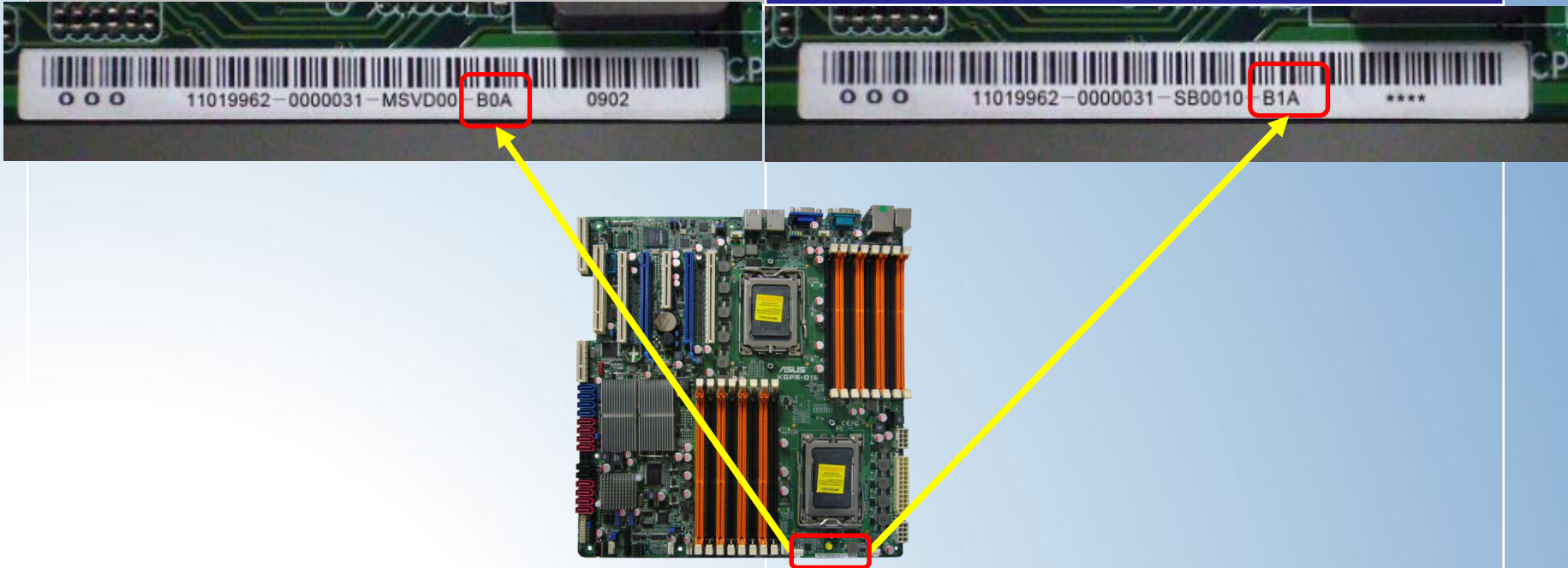| Support Opteron 6100 series CPU BIOS	Support Opteron 6200 series CPU BIOS
ITEM: KGPE-D16 <GA> 90-MSVD00-G0UAY00**Z**	ITEM: KGPE-D16 <GA> 90-MSVD00-G0UAY00**T**
QTY: 1 PCS	QTY: 1 PCS
N.W.: 1.620 KGS	N.W.: 1.620 KGS
G.W.: 2.600 KGS	G.W.: 2.600 KGS

* 90 P/N which ends with **T** is default loaded BIOS to support Opteron 6200 series CPU.

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How to identify MB default loaded Opteron 6200 CPU BIOS
PCBA revision location

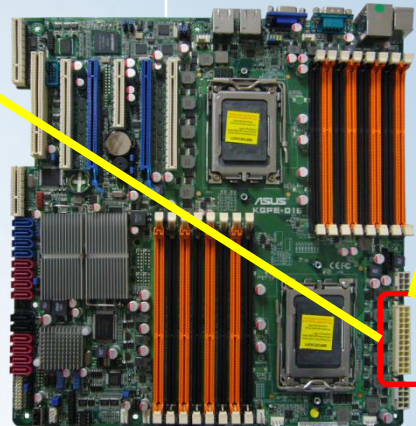| Support Opteron 6100 series CPU BIOS	Support Opteron 6200 series CPU BIOS

* B1A or later version is default loaded BIOS to support Opteron 6200 series CPU.
* B0A or former version is default loaded BIOS to support Opteron 6100 series CPU.

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How to identify MB default loaded Opteron 6200 CPU BIOS
SN label location

Support Opteron 6100 series CPU BIOS	Support Opteron 6200 series CPU BIOS

* S/N which shows **xxS2AGxxxxxx** is default loaded BIOS to support Opteron 6200 series CPU.

How to make your KGPE-D16 to support Opteron 6200 series CPU

What happens if plugging Opteron 6200 CPU on KGPE-D16 loaded with **BIOS 0902** (or former)

❌ No display during POST stage (POST code stops at "d0")

Solution

Items MUST prepare :

- AMD Opteron 6100 series CPU (at least 1 piece)
- **BIOS version 2005** (or later)
  http://www.asus.com/Server_Workstation/Server_Motherboards/KGPED16/#download
- DOS-bootable USB flash drive

SOP :

1. Make sure the USB flash drive loaded with **BUPDATER** and **BIOS 2005**
2. Plug in Opteron 6100 series CPU in KGPE-D16 CPU socket 1
3. Power on the system and boot to DOS environment
4. type: BUPDATER /iKGPE-D16-ASUS-2005.ROM
5. When BUPDATER complete the flash process, please shut down the system
6. Change CPU to Opteron 6200 series, system will boot successfully