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

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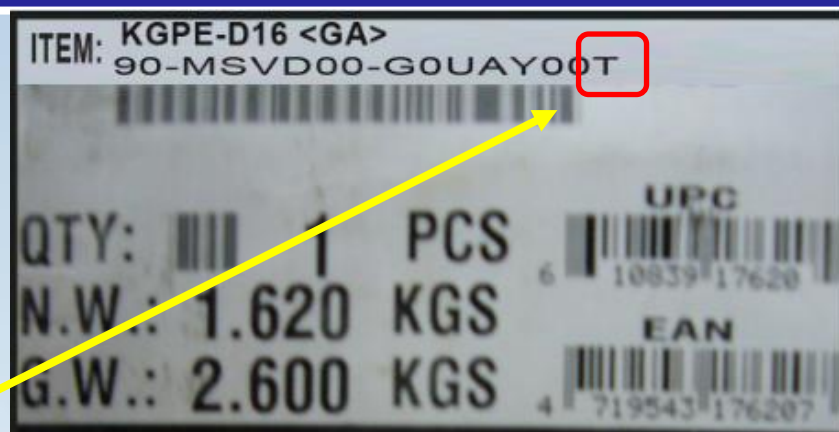
How to identify MB default loaded Opteron 6200 CPU BIOS
Outer Carton

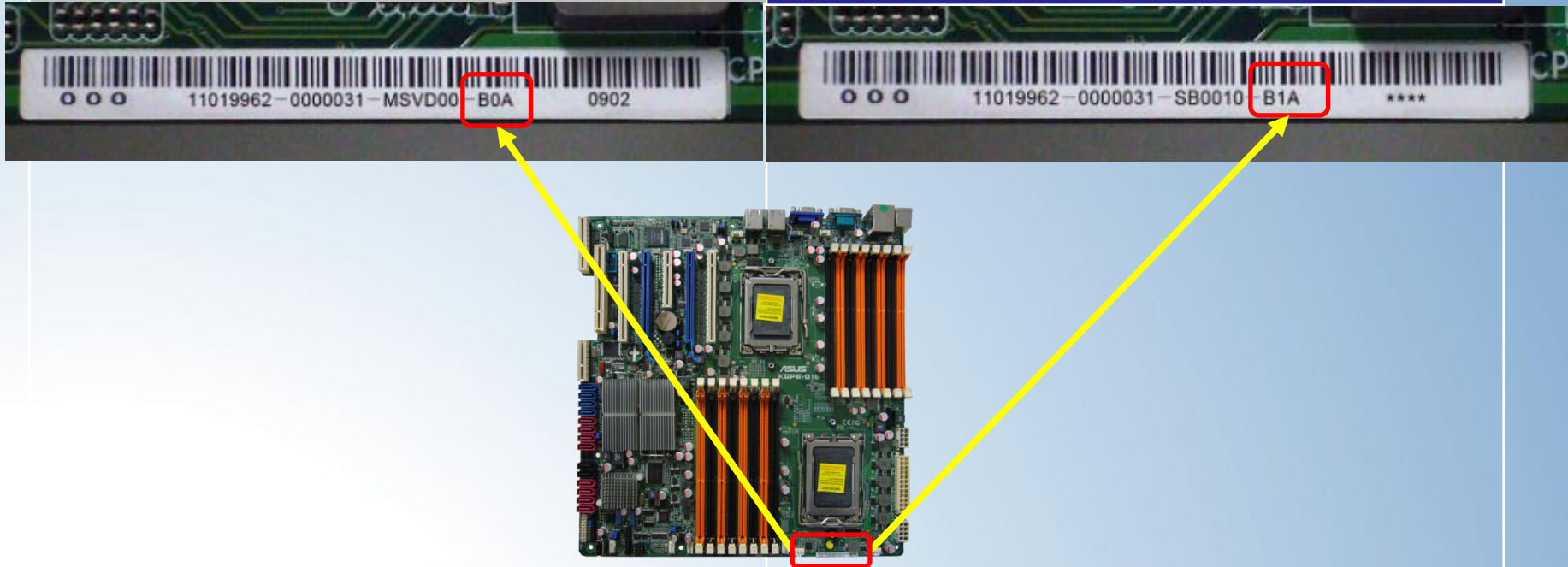| Support Opteron 6100 series CPU BIOS	Support Opteron 6200 series CPU BIOS

ITEM: KGPE-D16 <GA>
90-MSVD00-G0UAY00Z
QTY: 1 PCS
N.W.: 1.620 KGS
G.W.: 2.600 KGS

ITEM: KGPE-D16 <GA>
90-MSVD00-G0UAY00T
QTY: 1 PCS
N.W.: 1.620 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

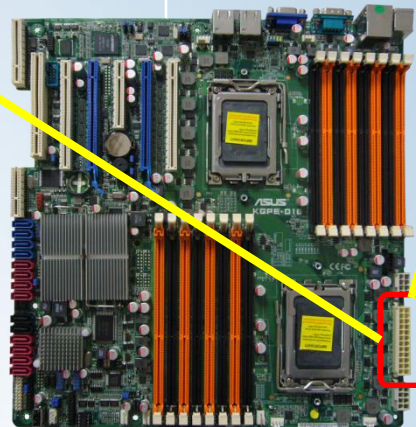| Support Opteron 6100 series CPU BIOS	Support Opteron 6200 series CPU BIOS

* 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.

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

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