Rock Solid · Heart Touching

P8B-X

How to differentiate REV 1.0x and REV 2.0x

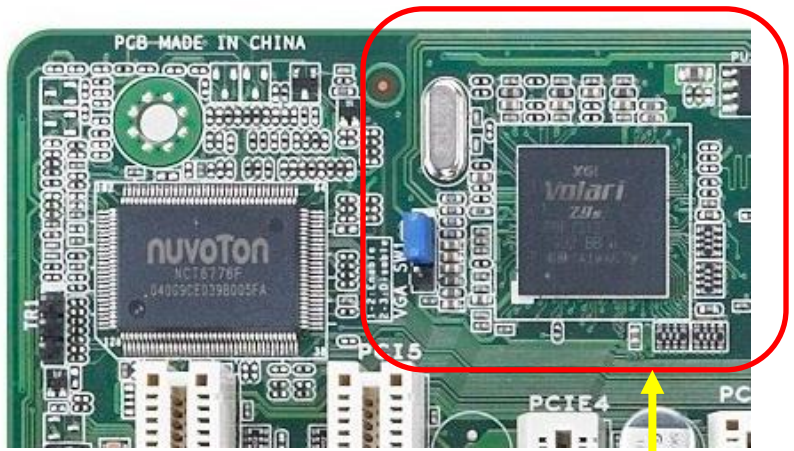
By ASUS Server BU

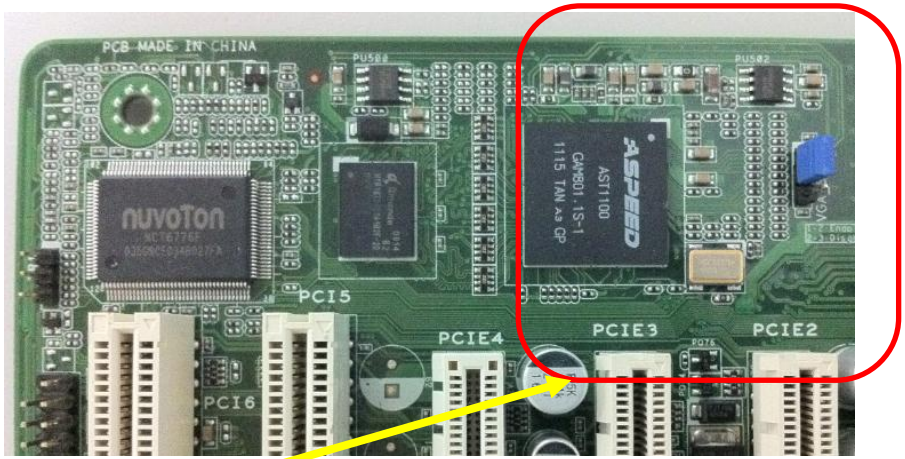
Aug 12, 2011

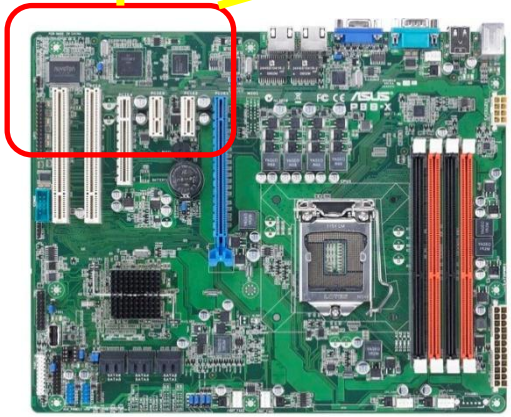
How to differentiate the motherboard

VGA chipset location

R1.0x (Z9s)	R2.0x (AST1100)



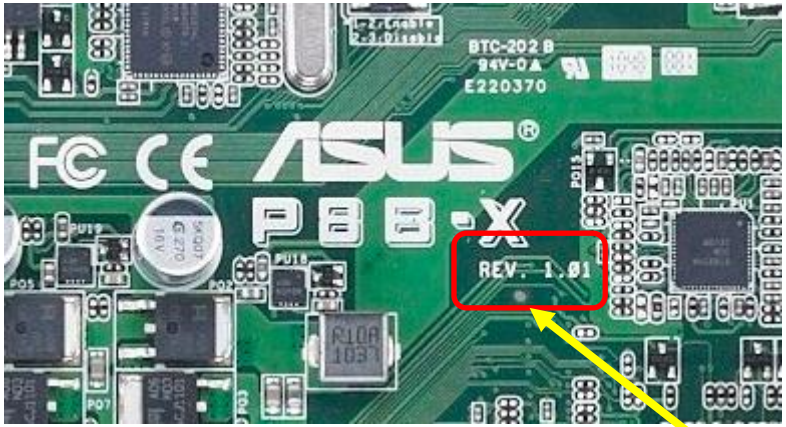


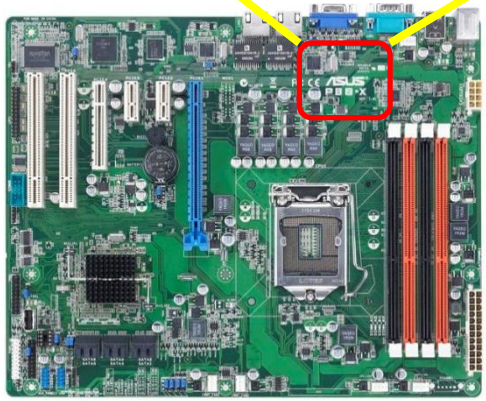


How to differentiate the motherboard

PCB revision location

R1.0x (Z9s)	R2.0x (AST1100)

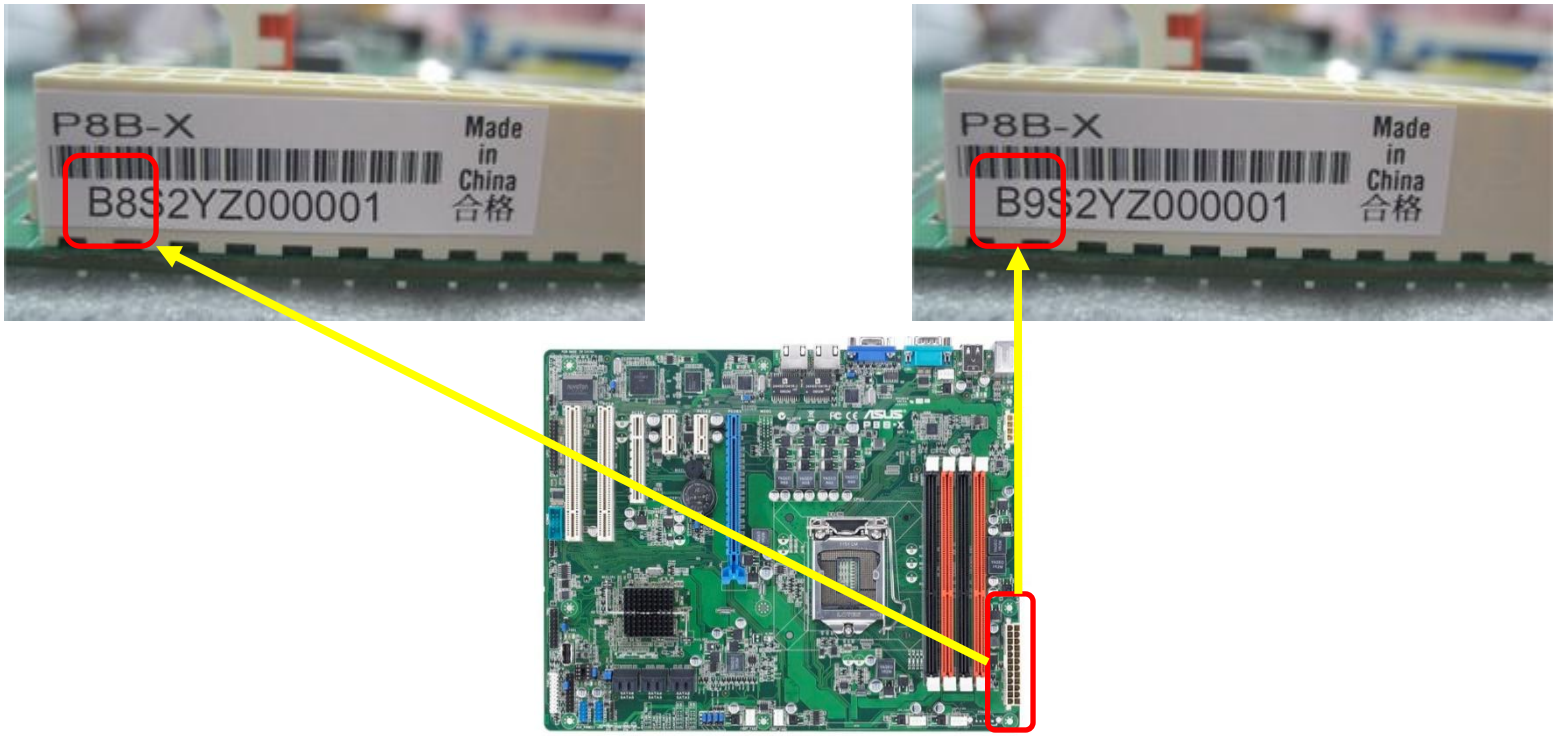




How to differentiate the motherboard

SN label location

R1.0x (Z9s)	R2.0x (AST1100)



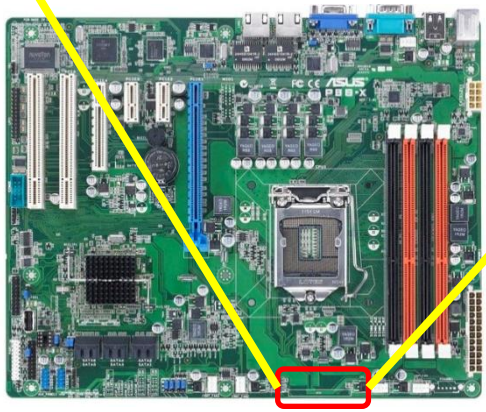
* B means year, B=2011, C=2012… 9 means month, 1...9, A, B, C

** After September 2011, we will be shipping R2.0x, the SN will be B9S2XXXXXXXX or above

How to differentiate the motherboard

PCBA revision location

R1.0x (Z9s)	R2.0x (AST1100)



* B06 or earlier PCBA revision indicate R1.0x

** After September 2011, we will be shipping R2.0x, the PCBA revision will be C03 or above

Functionality – OS support list

Supplier	Component name and version		R1.0x (Z9s)	R2.0x (AST1100)
Microsoft	Windows Server 2008 Enterprise Edition SP2	x86	V	V
	Windows Server 2008 Standard Edition R2	x64	V	V
	Windows 7	x86	V	V
	Windows 7	x64	V	V
Red Hat	Red Hat Enterprise Linux AS 5.6	x86	X	V
	Red Hat Enterprise Linux AS 5.6	x64	X	V
	Red Hat Enterprise Linux AS 5.5	x86	V	V
	Red Hat Enterprise Linux AS 5.5	x64	V	V
	Red Hat Enterprise Linux AS 6.0	x86	V	V
	Red Hat Enterprise Linux AS 6.0	x64	V	V
Novell	SuSE Linux Enterprise Server 11.1	x86	V	V
	SuSE Linux Enterprise Server 11.1	x64	V	V
CentOS	CentOS 5.6	x86	X	V
	CentOS 5.6	x64	X	V
	CentOS 5.5	x86	V	V
	CentOS 5.5	x64	V	V

PS: **'X'** means vendor doesn't provide driver. When using OS default driver only can support 1280 x 1024
'V' means vendor provide driver, could support 1600 x 1200

Functionality – Maximum resolution

R1.0x (Z9s)	R2.0x (AST1100)
1280 x 1024	1600 x 1200

* Vendor doesn't provide Z9s driver for Red Hat 5.6 and CentOS 5.6 or later OS, when using OS default driver only could support **1280 x 1024**

1600 x 1200

* Driver provided by vendor for previous OS could support **1600 x 1200**. (Detail please refer to previous page)