

Keysight Technologies

Windows 7 Upgrade Kits for 16800 Series,
16901A and 16902B Logic Analyzers

Data Sheet

Summary

Windows 7 upgrade kit options are available to replace an existing Intel 915GUX motherboard or Adlink M880 motherboard with an Adlink M890 motherboard and supply a new imaged HDD or SSD. The kits cost \$3495 plus installation for the 16800A and 16901A (HDD-based) and cost \$5695 plus installation for the 16902B (SSD-based).

Options are available to retain an existing M880 motherboard and perform the upgrade from Windows XP to Windows 7 by supplying additional System RAM and a new, imaged HDD or SSD and cost \$1495 plus installation for the 16800A and 16901A (HDD-based) and cost \$1595 plus installation for 16902B (SSD-based).

Upgrades for additional external HDDs or SSDs imaged for Windows 7 are available and cost \$1295 plus installation for the 16800A and 16901A (HDD-based) and cost \$1895 plus installation for 16902B (SSD-based). If they are ordered separately then there is either the option to be installed at the service center or customer installed, and only if the proper upgrades have been previously purchased and installed.

Details

All 16800 Series, 16901A and 16902B logic analyzers with serial number MY51420101 or greater already have the M890 motherboard in them and are already running Windows 7 operating system.

All kits must be installed by the Keysight Technologies, Inc. Roseville, California Repair Center with the exception of additional hard drive kits that also offer an option to be customer installed. Approximate installation fees are outlined below.

All 16900A 16902A 16903A and 168xA/AD are obsolete and not upgradable to Windows 7.

System performance (CPU intensive operations and IO intensive operations) will be significantly improved by the Windows 7 upgrade kits which upgrade from the M880 motherboard to the M890 motherboard. Typical improvement is around twice the performance.

Upgrade kits which add additional memory to the existing M880 motherboard will yield performance similar to or slightly better than the original M880 motherboard running Windows XP but without the additional memory.

For 16801A, 16802A, 16803A, 16804A 16806A, 16821A, 16822A and 16823A

16800AU-W7N \$1495 plus \$900 installation ¹

- Internal HDD WIN 7 upgrade for M880 MB, includes imaged 500 GB drive and 4GB RAM

16800AU-W7E \$1495 plus \$840 installation ¹

- External HDD WIN 7 upgrade for M880 MB, includes imaged 500 GB drive and 4GB RAM

16800AU-W7A \$1295 plus \$300 installation ³

- Additional external HDD WIN 7 upgrade for M880 MB, includes imaged 500 GB drive

16800AU-MBN \$3495 plus \$960 installation

- Upgrades motherboard to M890 with new internal 500 GB HDD imaged to Win 7

16800AU-MBE \$3495 plus \$900 installation

- Upgrades motherboard to M890 with new external 500 GB HDD imaged to Win 7

There is also the E5862A additional, external removable Windows 7 bootable 500G HDD hard drive assembly available for the 16800 Series logic analyzers running Windows 7 on M890 motherboards. These 16800 Series logic analyzer must have already been set up to boot from an external drive to use the E5862A. This would be the case if they purchase the M890 motherboard upgrade kit 16800AU-MBE, or on new 16800 Series logic analyzers with option 109.

For 16901A and 16902B

16900AU-W7N \$1495 plus \$900 installation ²

- 16901A Internal HDD WIN 7 upgrade for M880 MB, includes imaged 500 GB drive and 4GB RAM

16900AU-W7E \$1495 plus \$840 installation ²

- 16901A External HDD WIN 7 upgrade for M880 MB, includes imaged 500 GB drive and 4GB RAM

16900AU-W7A \$1295 plus \$300 installation ⁴

- 16901A Additional external HDD WIN 7 upgrade for M880 MB, includes imaged 500 GB drive

16900AU-W7R \$1595 plus \$840 installation

- 16902B WIN 7 upgrade for M880 MB, includes imaged 80 GB SSD drive and 4GB RAM

16900AU-W7B \$1895 plus \$300 installation ⁵

- 16902B Additional HDD WIN 7 upgrade for M880 MB, includes imaged 80 GB SSD drive

16900AU-MBN \$3495 plus \$1020 installation

- 16901A Internal HDD WIN 7 upgrade to M890 MB, includes MB and imaged 500 GB drive

16900AU-MBE \$3495 plus \$960 installation

- 16901A External HDD WIN 7 upgrade to M890 MB, includes MB and imaged 500 GB drive

16900AU-MBR \$5695 plus \$1020 installation

- 16902B HDD WIN 7 upgrade to M890 MB, includes MB and imaged 80 GB SSD drive

There is also the E5862A additional, external removable Windows 7 bootable 500G HDD hard drive assembly available for the 16901A logic analyzer modular frame running Windows 7 on M890 motherboards. These 16901A logic analyzer modular frames must have already been set up to boot from an external drive in order to use the E5862A. This would be the case if they purchase the M890 motherboard upgrade kit 16900AU-MBE or on new 16901A logic analyzer frames with option 109.

There is also the E5863A additional, slide-in internal removable Windows 7 bootable 80G SSD hard drive assembly available for the 16902B logic analyzer modular frames running Windows 7 on M890 motherboards. This would be the case if they purchase the M890 motherboard upgrade kit 16900AU-MBR.

Windows 7 Upgrade Kits for Keysight Technologies Upgrade Kits

Upgrade to Windows 7 via a motherboard upgrade to M890 with new internal drive (For analyzers with S/N < MY51420101 which had Windows XP)

| Product being upgraded | Model number and option | Kit price | Estimated installation cost | Total estimated price |
|------------------------|---------------------------|-----------|-----------------------------|-----------------------|
| 16800 Series | 16800AU-MBN | \$3,495 | \$1,020 | \$4,515 |
| 16901A | 16900AU-MBN modular frame | \$3,495 | \$1,020 | \$4,515 |
| 16902B | 16900AU-MBR modular frame | \$5,695 | \$1,020 | \$6,715 |

Upgrade to Windows 7 via adding memory to existing M880 motherboard with new internal drive (For analyzer with S/N MY46000101-MY51420100)

| Product being upgraded | Model number and option | Kit price | Estimated installation cost | Total estimated price |
|------------------------|--|-----------|-----------------------------|-----------------------|
| 16800 Series | 16800AU-W7N | \$1,495 | \$900 | \$2,395 |
| 16901A | 16900AU-W7N modular frame | \$1,495 | \$900 | \$2,395 |
| 16902B | 16900AU-W7R modular frame (SSD + tray) | \$1,595 | \$840 | \$2,435 |

Upgrade to Windows 7 via a motherboard upgrade to M890 with new external drive (For analyzers with < MY51420101 which had Windows XP)

| Product being upgraded | Model number and option | Kit price | Estimated installation cost | Total estimated price |
|------------------------|---------------------------|-----------|-----------------------------|-----------------------|
| 16800 Series | 16800AU-MBE | \$3,495 | \$960 | \$4,455 |
| 16901A | 16900AU-MBE modular frame | \$3,495 | \$960 | \$4,455 |

Upgrade to Windows 7 via adding memory to existing M880 motherboard with new external drive (For analyzer with S/N MY46000101-MY51420100)

| Product being upgraded | Model number and option | Kit price | Estimated installation cost | Total estimated price |
|------------------------|---------------------------|-----------|-----------------------------|-----------------------|
| 16800 Series | 16800AU-W7E | \$1,495 | \$840 | \$2,335 |
| 16901A | 16900AU-W7E modular frame | \$1,495 | \$840 | \$2,335 |

See below for extra external HDDs and extra removeable HDDs

Additional external/removeable HDDs for M880 motherboard units already upgraded to Windows 7 (For analyzers with S/N MY46000101-MY51420100)

| Product being upgraded | Model number and option | Kit price | Estimated installation cost | Total estimated price |
|----------------------------|-------------------------|-----------|-----------------------------|-----------------------|
| 16800 Series | 16800AU-W7A | \$1,295 | \$300 | \$1,595 |
| 16901A | 16900AU-W7A | \$1,295 | \$300 | \$1,595 |
| modular frame | | | | |
| 16902B | 16900AU-W7B | \$1,895 | \$300 | \$2,195 |
| modular frame (SSD + tray) | | | | |

Additional external/removeable HDDs for M890 motherboard units already upgraded to Windows 7

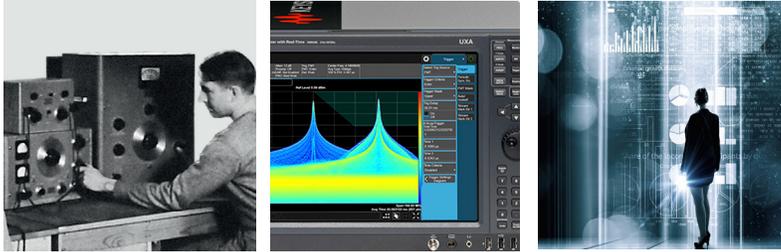
| Product being upgraded | Model number and option | Kit price | Estimated installation cost | Total estimated price |
|----------------------------|-------------------------|-----------|-----------------------------|-----------------------|
| 16800 Series | E5862A | \$1,295 | \$0 | \$1,295 |
| 16901A | E5862A | \$1,295 | \$0 | \$1,295 |
| modular frame | | | | |
| 16902B | E5863A-001 | \$1,895 | \$0 | \$1,895 |
| modular frame (SSD + tray) | | | | |

1. 16800 Series logic analyzers with serial numbers MY46000101-MY46000999 have the Intel 915GUX motherboard and cannot use either the 16800AU-W7N or 16800AU-W7E upgrade kits since they are for the M880 motherboard. The 16800AU-W7E cannot be used to upgrade a 16800 Series logic analyzer from using an internal drive to an external drive.
2. 16901 Series logic analyzers with serial numbers MY46000101-MY46000399 have the Intel 915GUX motherboard and cannot use either the 16900AU-W7N or 16900AU-W7E upgrade kits since they are for the M880 motherboard. The 16900AU-W7E cannot be used to convert a 16901A modular logic analyzer frame from using an internal drive to an external drive.
3. This option requires that the 16800AU-W7E has already been applied to the 16800 Series logic analyzer to increase its RAM to 4G, and which is necessary in order to run Windows 7. The 16800AU-W7A cannot be used to convert a 16800 Series logic analyzer from using an internal drive to using an external drive. If ordered separately from the 16800AU-W7E, a customer can choose to either have the spare drive shipped to the customer site for self-installation, including license installation, or have the drive installed at the service center. Installation charge for single drive, purchased alone, is \$660. The installation charge is \$300 per additional drive, or when combined with other upgrades.
4. This option requires that the 16900AU-W7E has already been applied to the 16901A logic analyzer modular frame to increase its RAM to 4G, and which is necessary in order to run Windows 7. The 16900AU-W7A cannot be used to convert a 16901A modular logic analyzer frame from using an internal drive to using an external drive. If ordered separately from the 16900AU-W7E, a customer can choose to either have the spare drive shipped to the customer site for self-installation, including license installation, or have the drive installed at the service center. Installation charge for single drive, purchased alone, is \$660. The installation charge is \$300 per additional drive, or when combined with other upgrades.
5. This option requires that 16900AU-W7R has already been applied to the 16902B Series logic analyzer. If ordered separately from the 16900AU-W7R, a customer can choose to either have the spare drive shipped to the customer site for self-installation, including license installation, or have the drive installed.

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