OMB-DBK60 3-Slot Expansion Module with Termination Panels

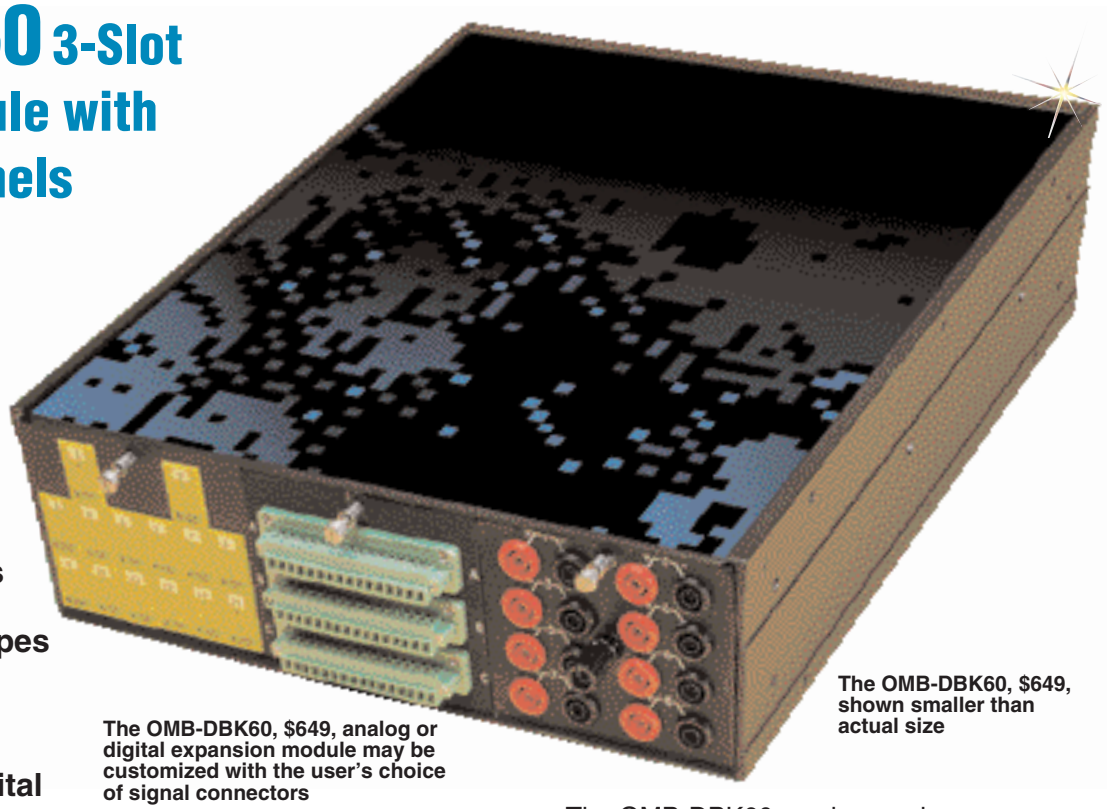
$649

Basic unit with one Terminal Panel

- **Customizable Panels Offer User Choice of Signal Connector Types**
- **Accepts up to Three OMB-DBK Analog Expansion Cards or Three OMB-DBK Digital Expansion Cards**
- **Enables Easy Card Installation**
- **Rugged All Metal Construction for Portable Applications**
- **Attaches to the OMB-LOGBOOK or OMB-DAQBOARD-2000 Series**

The OMB-DBK60 expansion module allows the OMB-LOGBOOK and OMB-DAQBOARD-2000 Series data acquisition systems to be expanded with any combination of up to three analog or three digital OMB-DBK signal conditioning and expansion cards.

Removable termination panels offer the user a choice of connector types including BNC, removable screw terminal, thermocouple and safety jacks. Each panel includes pre-stripped wires by which the user can connect to any of the three OMB-DBK cards installed in the OMB-DBK60 enclosure. A user-customizable blank termination panel is also available for custom applications.



The OMB-DBK60, $649, analog or digital expansion module may be customized with the user's choice of signal connectors

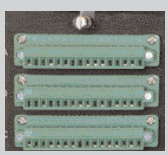
The OMB-DBK60, $649, shown smaller than actual size

The OMB-DBK60's three-card internal backplane eases cabling by bringing all connections out to a single DB37, thus only a single cable is required to attach an OMB-DBK60 to a system. Analog and digital DBK cards cannot be mixed within one OMB-DBK60 enclosure, and thus a separate enclosure is required for analog or digital cards.

An unlimited number of OMB-DBK60 enclosures can be secured to one another or an OMB-LOGBOOK system. The OMB-DBK60's metal enclosure features a slide-in drawer for easy access to the OMB-DBK cards.

The OMB-DBK60 can be used as an expansion module for OMB-DAQBOARD-2000 Series systems. Each OMB-DBK60 will accept up to three analog expansion cards or three digital expansion cards. Analog and digital expansion cards cannot be mixed within one OMB-DBK60 enclosure.

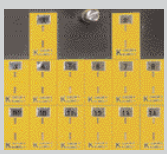
BNC termination panel OMB-DBK602 features 16 BNC connectors



Removable-block screw-terminal termination panel (OMB-DBK606) offers 48 convenient connections

Safety-jack termination panel offers 16 connectors (OMB-DBK604, red and black jack-pairs shown)

Slotted panel with adjustable clamp that holds wires in place (OMB-DBK607)



Thermocouple termination panel (OMB-DBK605) features 14 connectors for types J, K, and T thermocouples

DB37-style termination panel (OMB-DBK608) features three standard 37-pin female connectors

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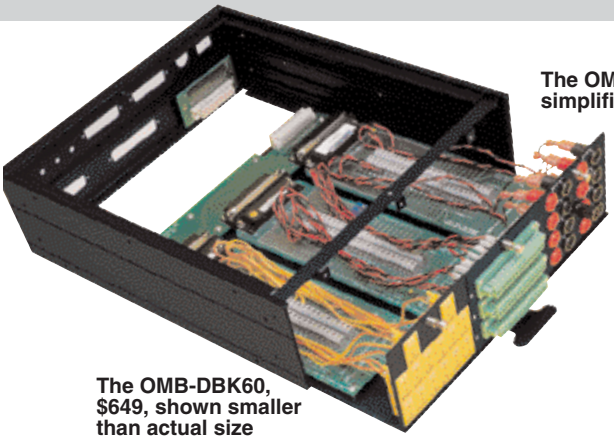
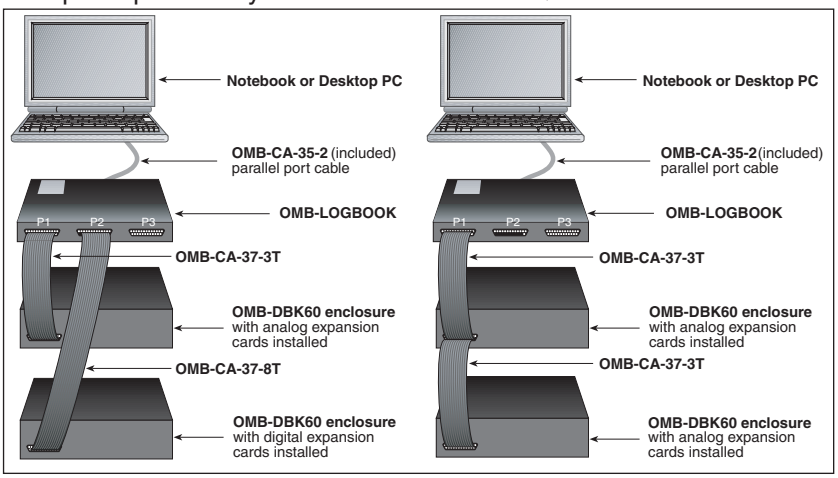


The OMB-DBK60, $649, shown smaller than actual size

The OMB-DBK60, $649, drawer-style architecture with internal backplane simplifies the installation of up to 3 OMB-DBK signal-conditioning cards

Sample expansion systems for the OMB-DAQBOARD-2000 Series



The OMB-DBK60 expansion enclosures can house both analog and digital expansion cards in an OMB-LOGBOOK system, providing that analog and digital cards are in separate OMB-DBK60's.

Eight different termination panels are available for use with the OMB-DBK60. These include the OMB-DBK602 BNC termination panel, OMB-DBK603 red safety-jack termination panel, OMB-DBK604 red and black safety-jack panel, OMB-DBK605 thermocouple input termination panel (specify thermocouple type), OMB-DBK606 removable-block screw terminal panel, OMB-DBK607 slotted termination panel with adjustable clamp and OMB-DBK608 termination panel with three DB37 connectors. (See previous page).

Termination Panels

To complement OMB-DBK cards installed in the OMB-DBK60 enclosure, users have a choice of eight termination panels that provide a variety of input connectors. The termination panels screwmount to the rear of the OMB-DBK60 chassis, and include the appropriate style wire to connect each input to an enclosed OMB-DBK60.

Packaging

You can stack the OMB-DBK60 beneath an OMB-LOGBOOK portable acquisition module. The result is a compact and securely connected data acquisition system that you can conveniently carry from one application site to another.

Specifications

Capacity: Accommodates up to 3 OMB-DBK expansion cards; digital and analog OMB-DBK cards cannot be mixed within a single OMB-DBK60 enclosure

Material: Aluminum
Finish: Black, powder-coated
Dimensions: 280 x 356 x 89 mm (11 x 14 x 3.5")
Weight: 3.08 kg empty (7 lb); cards .25 to .75 kg each (8 to 12 oz)

AVAILABLE FOR FAST DELIVERY!

To Order *(Specify Model Number)*

Model No.	Price	Description
OMB-DBK60	**$649**	3-slot expansion-card enclosure with 3 blank termination panels** and fastener panels

Ordering Example: OMB-DBK60** 3-slot expansion card enclosure, **OMEGACARE**℠ 1-year extended warranty for **OMB-DBK60** (adds 1 year to standard 1-year warranty), one **OMB-DBK605-K** type K thermocouple panel, one **OMB-DBK606** screw terminal panel, and one **OMB-DBK604** red and black safety jack panel, $629 + 59 + 103 + 209 + 113 = **$1113.

Accessories and Cables

Model No.	Price	Description
OMB-DBK601	**30**	Blank termination panel
OMB-DBK602	**124**	16-connector BNC termination panel
OMB-DBK604	**113**	16-connector (8 pairs) red and black safety-jack termination panel and wiring kit
OMB-DBK605-(*)	**103**	14-connector thermocouple panel and wiring kit Thermocouple type B, J, K, R, S or T
OMB-DBK606	**209**	48-connector removable-block screw terminal panel and wiring kit
OMB-DBK607	**51**	Slotted-termination panel with adjustable clamp
OMB-DBK608	**51**	Three DB37 female connector termination panel and wiring kit
OMB-CA-37-1T	**61**	Expansion cable from OMB-LOGBOOK to similar width module, 2.5 in.
OMB-CA-37-3T	**61**	Expansion cable from OMB-LOGBOOK or OMB-DBK module to a single OMB-DBK60 directly below, 4.5 in
OMB-CA-37-4T	**72**	Expansion cable from OMB-LOGBOOK or OMB-DBK module to a single OMB-DBK60 directly below, 5.5 in
OMB-CA-37-8T	**82**	Expansion cable from OMB-LOGBOOK positioned more than one OMB-DBK60 height away from the appropriate P1 or P2 port, 11.5"

**Insert thermocouple type J, K, or T*
***Blank termination panels are included at no charge when no additional panels are ordered.*

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