

# 1000 Mbps, Compact, 3-port Media Converter

Giga-McBasic-II series

**B+B SMARTWORX**

Powered by **ADVANTECH**

[www.advantech-bb.com](http://www.advantech-bb.com)



## PRODUCT FEATURES

- Two 10/100/1000 Mbps copper ports
- One SFP port or fixed fiber port (available in SM or MM)
- Compact, rugged device with internal AC power supply
- Easy to install, unmanaged device
- Supports Link Fault Pass-Through (LFPT)
- Auto-negotiation, Auto-cross
- DIN Rail or Wall Mount (with optional bracket)

The Giga-McBasic-II is a low-cost, compact, multi-port media converter that supports Gigabit speed. Utilizing flexibility and a compact size, interior private network applications can further benefit from the ever-expanding versatility of the McBasic product line from B+B SmartWorx.

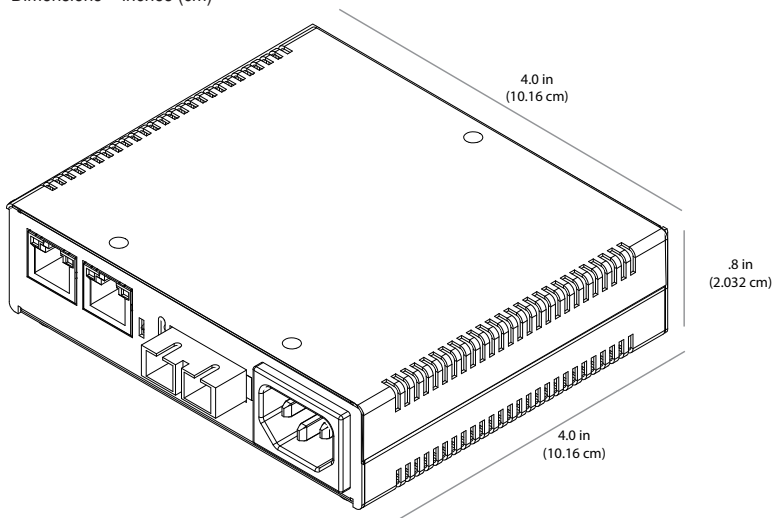
This versatile converter features two 10/100/1000 Mbps copper UTP ports and one fiber port, that is available in an SFP form factor, as well as for fixed-fiber in single-mode and multi-mode.

All models support Gigabit speed; the SFP port allows 100 Mbps or Gigabit SFPs. A compact stand-alone device with internal AC power supply, it is completely a PNP device; no management is available.

A troubleshooting feature, Link Fault Pass-Through (LFPT) allows network operators to determine a fault condition on the interfaces. LFPT can be enabled via a dip switch on the front of the unit.

## MECHANICAL DIAGRAM

Dimensions = inches (cm)



## ORDERING INFORMATION

MODEL NUMBER	FIBER TYPE	FIBER PORTS	RANGE	ETHERNET PORT
<b>Giga-McBasic-II</b>				
BB-856-30600	TX/SFP (requires one IE-SFP / 1250 module)	1	Variable (SFP)	(2) RJ-45
BB-856-30601	TX/SX-MM850-SC	1	220/550 m	(2) RJ-45
BB-856-30602	TX/LX-MM1300-SC	1	2 km	(2) RJ-45
BB-856-30603	TX/LX-SM1310-SC	1	10 km	(2) RJ-45
BB-856-30604	TX/LX-SM1310/PLUS-SC	1	40 km	(2) RJ-45
BB-856-30605	TX/LX-SM1550/LONG-SC	1	80 km	(2) RJ-45
BB-856-30606	TX/LX-SM1550/XLONG-SC	1	100 km	(2) RJ-45

## SPECIFICATIONS

MECHANICAL	
Connectors	RJ-45, SFP or fixed fiber
Dimensions	2.03h x 10.16w x 10.16d cm (0.80h x 4.0w x 4.0d in)
Shipping Weight	0.3 kg (0.7 lb)
POWER RATING	
100-240V AC, 50-60 Hz, 7W maximum working power	
ENVIRONMENTAL	
Operating Temperature	-10 to +50° C (+14 to +122 °F)
Storage Temperature	-35 to +75° C (-31 to +167 °F)
Operating Humidity	5 to 95% (non-condensing)
Altitude	0 to 10000 ft.
MEANTIME BEFORE FAILURE (MTBF)	
MTBF	1.8 million hours
MTBF Calculation Method	Parts Count Reliability Prediction
REGULATORY APPROVALS	
FCC Class A, UL/cUL, CSA, CE	

All product specifications are subject to change without notice.  
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