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Find the *S.I.E. Computing / Carlo Gavazzi 6861000-01* at our website: *Click HERE*

AdvancedTCA™ Development System

6861000-01

ELECTRONIC PACKAGING DIVISION



- 8.75" (5U) H x 17" W x 15.2" D
- 19" rackmount
- Dual 36 – 72VDC input
- 48 VDC wired to backplane
- Six slot Full Mesh AdvancedTCA backplane
- Dual 48 VDC bussing
- Five front accessible slots and five rear transition slots
- Horizontal load
- Incorporates Simplified Telecom Packaging (STP)
- Side-to-side cooling
- Six 60 cfm 3 wire fans
- Hot plug gable fan tray
- Cooling for approximately 150 watts per slot

In addition to being an excellent AdvancedTCA development system, Carlo Gavazzi Computing Solutions' 6861000-01 is also ideal as a AdvancedTCA board debug and test system since the top cover can be removed and the shelf management board can be run in any slot.

The 681000-01 is a complete AdvancedTCA development system that is available with a six slot, Full Mesh backplane that supports the AdvancedTCA PICMG 3.1, 3.2, 3.3, 3.4, and 3.5 specifications.

The 6861000-01 is a 8.75" (5U) high by 17" wide by 15.2" deep 19-inch rackmountable/ bechtop horizontal AdvancedTCA shelf with five front accessible slots and five usable rear transition slots, that allow for a variety of configurations. The 6861000 is designed to support DC inputs. A front pluggable, evacuated cooling scheme provides low MTTR and high reliability. Power entry is located on the rear panel.

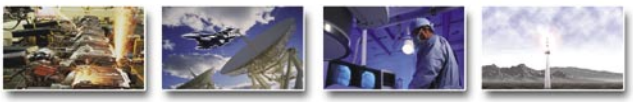
The 6861000-01 is ideal for AdvancedTCA board debugging and testing since the shelf manger can be run from any slot by simply removing the top cover and placing the board under test in the top slot.

The 6861000-01 is available in custom configurations.

Versatile. Reliable. Carlo Gavazzi Computing Solutions' 6861000-01 AdvancedTCA shelves are designed to meet the needs of embedded, telecommunications, development, testing, military, and measurement applications.

innovative engineering, dependable products

Carlo Gavazzi Computing Solutions designs and manufactures standard and custom AdvancedTCA™, CompactPCI®, PCI/ISA, and Switch Fabric backplanes, cabinets, enclosures, I/O boards, and integrated systems that address your outsourcing and time-to-market needs.



CARLO GAVAZZI COMPUTING SOLUTIONS

Electronic Packaging

Fabric & Connectivity

Embedded Computing

Fulfillment

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AdvancedTCA™ Development System

6861000-01

ELECTRONIC PACKAGING DIVISION

SPECIFICATIONS

Dimensions
- 8.75" (5U) H x 17" W x 15.2" D
- 19" rackmount/benchtop

Weight
- 20 lbs approximately

Construction/Finish
- Pre-plated Steel (Galveneel)
- Black medium texture finish
- EMI gasketing and hardware spacing to support FCC B

Power Entry
- (2) DC Input Terminal Blocks
- (1) -48VDC A
- (1) -48VDC B
- Rear connect
- -36 to -72VDC Input Range

Backplane Options
- Full Mesh extended Fabric interface
- PICMG 3.0 compliant with improved/ equalized minimal trace lengths
- Dual 48 VDC bussing
- FM06 Series - six slot Full Mesh AdvancedTCA backplane
- Dual 48 VDC bussing

Card Cage Options
- Horizontal load
- Incorporates Simplified Telecom Packaging (STP)
- Five front accessible slots
- Five rear transition slots

Cooling Options
- Side-to-side cooling
- Six 60 cfm 3 wire fans
- Hot plug gable fan tray
- Cooling for approximately 150 watts per slot



Environmental

	Operating	Storage/Transit
Temperature:	0 to 50°C (32 to 122° F)	-20 to +60°C (-4 to 140° F)
Humidity:	-20 to 90% @ 50°C (122° F), non-condensing	5 to 95% @ 50°C (122° F), non-condensing
Altitude:	15,000 ft. (4,572m.)	50,000 ft. (15,240m.)
Acoustical	< 55 dba Typical	

CARLO GAVAZZI
COMPUTING SOLUTIONS

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We buy equipment

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Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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