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GE
Intelligent Platforms



SCC

19" Starter Cages for VME and CompactPCI®

Features

- Versions for VME64 and CompactPCI®
- 4U and 7U height, 84HP wide
- EMC protected
- 400 W or 650 W ATX power supply. Short circuit and overload protected.
- Integrated DVD R/W
- Integrated rear I/O transition module
- Integrated hard disk
- Reliable cooling by two fans
- Operating temperature range 0 °C to +40 °C
- Self locking ejector handles
- ESD clips for CPCI hot swap applications
- Design compliant to IEC 60297-3 and DIN 41494-Part 5
- Chromate/anodized surface
- Ready to run
- MBLT, 2eVME and 2eSST protocols are supported

The 19 inch starter cages allow engineers an easy and quick start to evaluate or benchmark a processor board or to develop a specific system application.

Depending on the form factor of the CPU board, the starter cages are either 4U or 7U in height and 84HP in width. The cages include two fans for reliable airflow and are equipped with a rear I/O transition module.

Depending on the starter cage, the power supply delivers 400 W or 650 W. Output voltages are +3.3 V, ±5 V and ±12 V. The power supply units are protected against short circuit as well as against overload.

A hard disk and a DVD are installed.

EMC shielding and power supplies according to CE regulations are included. The housing is manufactured from anodized aluminum with chromate surfaces on all contact areas to allow for low impedance connections.

The CPU board is not included in the starter cages. In order to give the user the most flexibility, it can be ordered separately.

The operating system of choice can be installed by the user.

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SCC 19” Starter Cages for VME and CompactPCI®

Specifications

Frame
- Anodized and/or chromate coated aluminum
- The fan plug-in unit consists of zinc plated sheet metal
- Dimensions are corresponding to IEC 60297-3 and DIN 41494-Part 5

Form Factor
- 4U or 7U height
- 84HP width

Backplanes
- VME64 is designed for automatic Daisy-Chain-Principle and is compliant to IEEE 1014 Rev. D1.6 Support of MBLT, 2eVME and 2eSST protocol
- CompactPCI complies to PICMG 2.0 R2.1

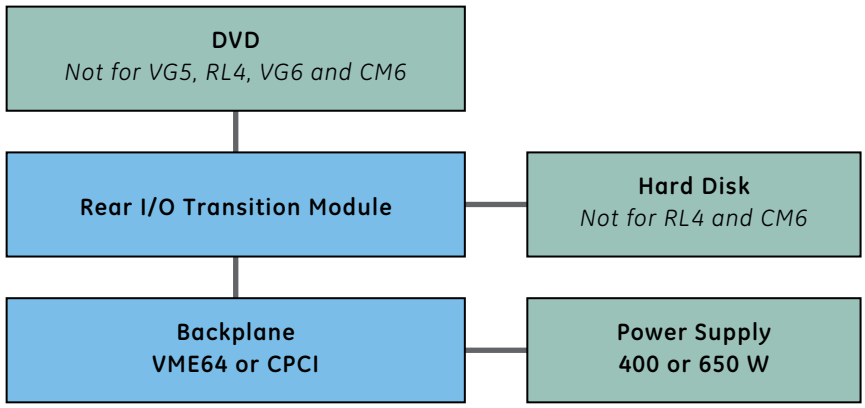
Rear I/O
- Pin-outs of the transition module connectors corresponds to standard PC connectors (press-fit cables)

Temperature
- Operating Temperature: 0 °C to +40 °C
- Storage temperature: -20 °C to +65 °C
- Humidity (non-condensing): 5% - 95%

Safety
- EN 60950

Qualification
- Shock: 12g/6ms, 3 axis up & down, 5 hits/direction
- Vibration: 2 grms @ 5 - 100 Hz, 30 min each axis

Block Diagram



Ordering Information

Board	Starter Cage	Description
CT9	SCC784UE05CT9R	7U, 84HP, 5x 6U CPCI slots, DVD, 400W, RoHS
CP9	SCC784UE05CP9R	7U, 84HP, 5x 6U CPCI slots, DVD, 400W, RoHS
CR9	SCC784UE05CR9R	7U, 84HP, 5x 6U CPCI slots, DVD, 400W, RoHS
VP9	SCC784UM05VP9R	7U, 84HP, 5x 6U VME64 slots, DVD, 400W, RoHS
VR9	SCC784UM05VR9R	7U, 84HP, 5x 6U VME64 slots, DVD, 400W, RoHS
VG5	SC-784UM05VG5R	7U, 84HP, 5x 6U VME64 slots, 400W, RoHS
CL9	SCC484TB08CL9R	4U, 84HP, 8x 3U CPCI slots, DVD, 400W, RoHS
RL4	SC-484TC04RL4	4U, 84HP, 4x 3U CPCI slots (system slot left), 400W
CT11	SCC784UE05CT11R	7U, 84HP, 5x 6U CPCI slots, DVD, 650W, RoHS
CP11	SCC784UE05CP11R	7U, 84HP, 5x 6U CPCI slots, DVD, 650W, RoHS
CR11	SCC784UE05CR11R	7U, 84HP, 5x 6U CPCI slots, DVD, 650W, RoHS
VP11	SCC784UM05VP11R	7U, 84HP, 5x 6U VME64 slots, DVD, 650W, RoHS
VR11	SCC784UM05VR11R	7U, 84HP, 5x 6U VME64 slots, DVD, 650W, RoHS
VG6	SC-784UM05VG6R	7U, 84HP, 5x 6U VME64 slots, 650W, RoHS
CL11	SCC484TB05CL11R	4U, 84HP, 5x 3U CPCI slots, DVD, 650W, RoHS
CC11	SCC484TB05CC11R	4U, 84HP, 5x 3U CPCI slots, DVD, 650W, RoHS
CM6	SC-484TB05CM6R	4U, 84HP, 5x 3U CPCI slots, DVD, 400W, RoHS

Note: All starter cages are with hard disk (except RL4 and CM6), fans and rear transition module.
CompactPCI cages are with system slot on the right.
CPU boards are not included, they need to be ordered separately.

About GE Intelligent Platforms

GE Intelligent Platforms, a General Electric Company (NYSE: GE), is an experienced high-performance technology company and a global provider of hardware, software, services, and expertise in automation and embedded computing. We offer a unique foundation of agile, advanced and ultra-reliable technology that provides customers a sustainable advantage in the industries they serve, including energy, water, consumer packaged goods, government and defense, and telecommunications. GE Intelligent Platforms is a worldwide company headquartered in Charlottesville, VA and is part of GE Home and Business Solutions. For more information, visit www.ge-ip.com.

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