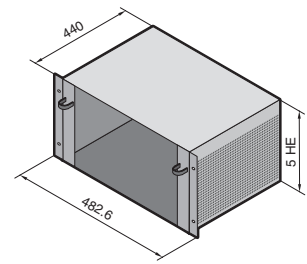
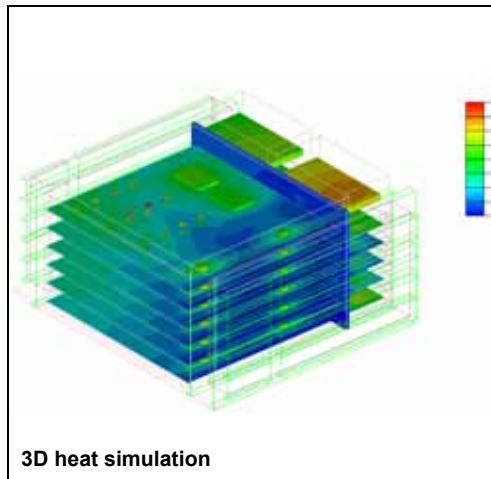
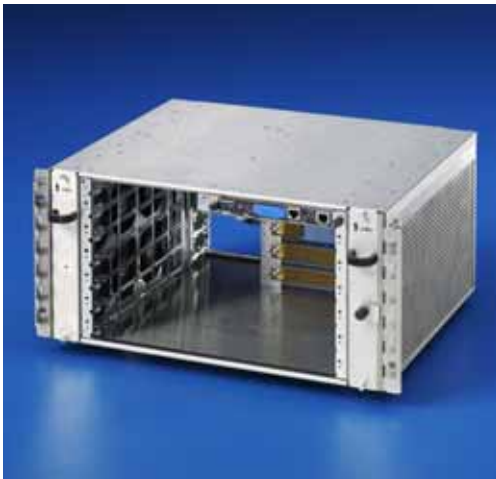


AdvancedTCA shelf HS1, 5 U, 6 slots, horizontal, DC version



HE = U



Due to its compact design, the 5 U shelf version offers optimum application possibilities, e.g. as a test or development system, wherever high performance and a space-saving design is required.

Benefits at a glance:

- Conforms to PICMG 3.0 rev. 2.0
- Hot swap-compatible fan units
- Specified heat loss of at least 200 W/board
- System monitoring using Shelf Management Controllers (ShMC)
- Plug & play-compatible for ShMC, Intel WT or PP 500
- Fully assembled, wired and function tested

Technical specifications:

- 19", 5 U, 440 mm deep
- 6 slots (horizontal) at the front, including 2 switch slots with RTM
- 5 slots (horizontal), RTM
- Cooling of up to 200 W/slot (front area)
- Cooling of up to 30 W/RTM
- Hot-swap fan unit
- Pull-out filter
- Including 1 Shelf Management Controller (ShMC) Pigeon Point 500 or Intel WT
- Full Mesh backplane (replicated Mesh) or Dual Star
- DC PEM 50 A with filter and controller

Supply includes:

- 1 rack-mount system 482.6 mm (19"), 5 U, 440 mm deep,
- 2 fan units each with 7 fans,
- 1 backplane, 6 slots,
- 1 ShMC Pigeon Point 500 or Intel WT,
- 2 PEM 50 A.



Accessories:

Shelf Management Controller, ATCA face plate kit, see page 491.

Standard AdvancedTCA Shelf HS1 (ShMC connectable from the front), available off the shelf

Shelf	U	Slots	Backplane	IPMI	ShMC	Switch Slots	PEM	Model No. RP
HS1	5	6	Dual Star	Bus topology	Pigeon Point 500	1 + 2	2 x 50 A	9911.715
HS1	5	6	Full Mesh	Bus topology	Pigeon Point 500	1 + 2	2 x 50 A	9911.717
HS1	5	6	Dual Star	Bus topology	Intel WT	1 + 2	2 x 50 A	9911.716
HS1	5	6	Full Mesh	Bus topology	Intel WT	1 + 2	2 x 50 A	9911.718

Example of possible customised applications available on request

Version	U	System enclosures	2 x DC PEM 50 A	2 x DC power connection with 50 A fuse switch	ShMC/ Intel WT	ShMC/ Pigeon Point 500	Filler panel	Fan unit	Backplane Full Mesh	Backplane Dual Star
1	5	■	■	-	■	-	■	1	■	-
2	5	■	■	-	■	-	■	1	-	■
3	5	■	■	-	-	■	■	1	■	-
4	5	■	■	-	-	■	■	1	-	■
5	5	■	-	■	■	-	-	2	■	-
6	5	■	-	■	■	-	■	1	■	-
7	5	■	-	■	■	-	-	2	-	■
8	5	■	-	■	■	-	■	1	-	■
9	5	■	-	■	-	■	-	2	■	-
10	5	■	-	■	-	■	■	1	■	-
11	5	■	-	■	-	■	-	2	-	■
12	5	■	-	■	-	■	■	1	-	■

■ Included with the supply.

Note:

The ATCA systems are based on standard components which may be individually combined in accordance with a modular principle.

The above matrix provides an overview of additional installation variants based on the described systems which may be implemented in a short lead time.