

ESYS-ATCA-1S

General Description:

1 slot AdvancedTCA® Starter kit, ready applied to read out detector data's .With one EATCA-101 Blade, one ERTM-101 Module and two EAD-1 Mezzanines.

Picture



Designed by *eicSys* under IP License at CERN

Description

Architecture

Dimensions	1U, 19" wide rackmount application, 410mm depth	
Combatibility	<ul style="list-style-type: none"> ➤ RoHS ➤ PICMG 3.0 Rev 3.0 ➤ UL pending 	Designed to meet NEBS/ETSI

Basic Configuration

Boards	<ul style="list-style-type: none"> ➤ 1x EATCA-101 with ➤ 1x ERTM-100 or ➤ 1x ERTM-101 	2x EAD-M1, 24 HDMI analog Channels or 2x EAD-M2, 40 input channels with coax connectors or 2x EAD-M3, 24 HDMI digital Channels or 2x EAD-M4, 72 digital optical channels
---------------	---	--

System health

Cooling	<ul style="list-style-type: none"> ➤ Independed fan control based on exit air temperature ➤ Cooling capability: <ul style="list-style-type: none"> ○ 250W with 5 fans ○ 350W with 7 fans ○ 400W with 9 fans
Power	<ul style="list-style-type: none"> ➤ -48V DC input, optional redundant ➤ AC to -48 DC power adapter(280W) on request

Ohters

Environmental	Temperature Range	Operation temperature: 0°C-55°C
	Humidity	5%-85% non condensing
	Altitude	-60-1800m ASL
	Weight	5 Kg

Ordering information **ESYS-ATCA-1S, Standard with 2x EAD-M1 and 5 fans.**

Datasheet – 10.10.2015, Rev. 1.0

Specification is subject to change without further notice