

MTCA.4 Chassis Overview

	NATIVE-mini-R1	NATIVE-R2	NATIVE-R5	NATIVE-R9
				
Height	1U	2U	5U	9U
Width	19"	19"	0.5x 19"	19"
# MCH	embedded	1x double width	1x double width	2x double width
# MCH-RTM	n/a	1x double width	1x double width	1x double width
# PM	embedded	1x double width	1x double width	4x double width
# JSM-Slot	n/a	1x single width	n/a	optional
# AMC single width	2x mid size	optional	optional	optional
# AMC double width	2x mid size	5x mid size + 1x full size	6x mid size + 1x full size	12x mid size
# AMC total	up to 4	up to 6	up to 7	up to 12
# μRTM	2x mid size	5x mid size	6x mid size + 1x full size	12x mid size
# Cooling Unit	embedded pull	1x (400 CFM) push	1x (384 CFM) push	2x (864 CFM) push-pull
Airflow	right-to-left	right-to-left	bottom-to-top	bottom-to-top
Fat Pipe	AMC-to-AMC	1* x8 to each AMC	1* x4 to each AMC	2* x4 to each AMC
LLRF Backplane	n/a	n/a	n/a	optional
White Rabbit Support	n/a	optional	n/a	optional

This overview shows default configurations. Other combinations regarding widths and sizes of AMCs are possible, please contact NAT for custom solutions.