






## VadaTech Inc. – MicroTCA Chassis Quick Reference Guide

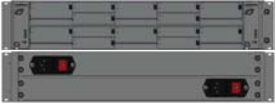
### 1U Chassis – Fully Integrated MicroTCA™ Carrier and Shelf Managers with Dual Redundant Power Supplies and Fan Trays

Cost-effective architecture integrates the infrastructure elements; including the power supply, cooling, 1 GB Ethernet, IPMI-standard platform management and SATA/SAS storage connections to each slot. Fabric options include PCI Express, Serial RapidIO, 10 Gigabit Ethernet or Point to Point connectivity.





Model	# of MH Slots	Depth	Supported Fabrics	Ports 4-7	Ports 8 to 11	Airflow/ Cooling	Removable Power Supply AC/DC	Dual Redundant Power Supply	Dual Redundant Fan Tray	JSM Alarm	Telco Alarm	Option for # of FH Slots	Option for # of CH Slots	Single / Double Width
 <b>VT850</b> <b>1U μTCA Chassis with 12 AMC Slots PCIe Fabric</b>	12	23.6" (600 mm)	PCIe	PCIe	N/A	Right to Left	AC or DC	Yes	Yes	Yes	Yes	6	12	12 mid-height or 6 double width mid-height AMC slots
 <b>VT851</b> <b>1U μTCA Chassis with 12 AMC Slots</b>	12	23.6" (600 mm)	PCIe, SRIO, 10GbE	Any	N/A	Right to Left	AC or DC	Yes	Yes	Yes	Yes	6	12	12 mid-height or 6 double width mid-height AMC slots
 <b>VT852*</b> <b>1U μTCA Chassis with 6 AMC Slots, Right to Left Cooling</b>	6	13" (330 mm)	PCIe, SRIO, 10GbE, Point to Point or any Combination	Any	Any	Right to Left	AC or DC	No	Yes	Yes	Yes	3	6	6 mid-height or 2 double width mid-height with two mid-height AMC slots
 <b>VT853*</b> <b>1U μTCA Chassis with 6 AMC Slots, Front to Rear Cooling</b>	6	11.4" (291 mm)	PCIe, SRIO, 10GbE, Point to Point or any Combination	Any	Any	Front to Rear	DC (Non-Removable)	No	Yes	Yes	Yes	3	6	6 mid-height or 2 double width mid-height with two mid-height AMC slots


Model	# of MH Slots	Depth	Fabrics Supported	Ports 4-7	Ports 8 to 11	Airflow/ Cooling	Power Supply AC/DC	Dual Redundant Power Supply	Dual Redundant Fan Tray	JSM Alarm	Telco Alarm	Option for # of FH Slots	Option for # of CH Slots	Single / Double Width
<p><a href="#">VT854</a></p>  <p><b>1U μTCA Chassis with 12 AMC Slots, Dual Fabric</b></p>	12	23.6" (600 mm)	PCIe, SRIO, 10GbE, Point to Point or any Combination	Any	Any	Right to Left	AC or DC	Yes	Yes	Yes	Yes	6	12	12 mid-height or 6 double width mid-height AMC slots
<p><a href="#">VT855*</a></p> <p><b>Coming Soon!</b></p>	2	13" (330 mm)	PCIe, SRIO, 10GbE, Point to Point or any Combination	Any	Any	Front to Rear	AC or DC	No	Yes	Yes	Yes	1	2	Two mid-height AMC slots or two double width mid-height in 1U Chassis

## 2U Chassis –12-Slots, Full-Redundancy for High Availability

Model	# of MCH Slots	# of Power Module Slots	JSM Slot	Telco Alarm	# of AMC FH Slots**	# of MH Slots**	# of CH Slots**	Dual / Redundant Fan Tray	1000W Power Supply
<p><a href="#">VT880</a></p>  <p>2U μTCA Chassis with a mix of 12 AMC Slots <b>Coming Soon!</b></p>	2	2 (Dual Power Modules Inserted from the rear)	Yes	Yes	4	6	2	Yes	N/A


## 5U Chassis – 10 & 12-Slots, No Active Components on the Backplane

Model	# of MCH Slots	# of Power Module Slots	JSM Slot	Telco Alarm	# of AMC FH Slots**	# of MH Slots**	# of CH Slots**	Dual / Redundant Fan Tray	1000W Power Supply
<p><a href="#">VT860</a></p>  <p>5U <math>\mu</math>TCA Chassis with mix of 12 AMC Slots</p>	2	2	Yes	Yes	4	6	2	Yes	Yes
<p><a href="#">VT861</a></p>  <p>5U <math>\mu</math>TCA Chassis with 12 Full-Height AMC Slots</p>	1	1	No	No	12	0	0	Yes	Yes
<p><a href="#">VT862†</a></p>  <p>5U <math>\mu</math>TCA Chassis with 10 Full-Height AMC Slots</p>	2	2	No	Yes	10	0	0	Yes	Yes
<p><a href="#">VT863</a></p>  <p>5U <math>\mu</math>TCA Chassis with mix of 12 AMC Slots</p>	2	2	No	Yes	6	6	0	Yes	Yes



Model	# of MCH Slots	# of Power Module Slots	JSM Slot	Telco Alarm	# of AMC FH Slots**	# of MH Slots**	# of CH Slots**	Dual / Redundant Fan Tray	1000W Power Supply
<a href="#">VT864</a> †  <b>5U μTCA Chassis with 10 AMC slots and Advanced Clock Redundancy</b>	2	2	No	Yes	10	0	0	Yes	Yes

†VT862 and VT864 are identical other than their clock routing architecture. The VT864 routes clocks to CLK1/TCLKA, CLK2/TCLKB, CLK3/FCLKA, TCLKC, and TCLKD of the AMC whilst the VT862 routes to CLK1/TCLKA, CLK2/TCLKB, and CLK3/FCLKA of the AMC.

## 7U Chassis –12-Slot, Double-Width AMC Slots

Model	# of MCH Slots	# of Power Module Slots	JSM Slot	Telco Alarm	# of AMC FH Slots**	# of MH Slots**	# of CH Slots**	Dual / Redundant Fan Tray	1000W Power Supply
<p><b><u>VT891</u></b></p>  <p><b>μTCAChassis with a mix of 12 Double-Width AMC Slots</b></p>	4	4	Yes	Yes	8	Or 16	0	Yes	Yes
<p><b>VT890</b> <b>Coming Soon!</b></p>	2	2	Yes	Yes	12	0	0	Yes	Yes

## ATR Chassis –Conduction Cooled

Model	# of MCH Slots	# of Power Module Slots	JSM Slot	Telco Alarm	# of AMC FH Slots**	# of MH Slots**	# of CH Slots**
<p><a href="#">VT870</a></p>  <p><b>Conduction Cooled μTCA ATR Chassis</b></p>	1	1	0	1	0	4	4
<p><a href="#">VT875</a></p>  <p><b>Conduction Cool μTCA ATR, Development Chassis</b></p>	1	1	0	1	0	4	4

All Chassis are full compliance with PICMG® MicroTCA™ and AMC Standards

\*NEBS, Level 3 Compliant

\*\*FH (Full-Height), MH (Mid-Height), CH (Compact-Height)

### Need Customization?

Because we offer an extensive selection of MicroTCA Chassis and over 80 AMC Modules, this allows us to offer a broad spectrum of fully integrated custom systems solutions to help meet every customer's requirements. Call us to discuss your specific needs!