

Patented aluminum card guide system meets IEEE1101.10 standards.

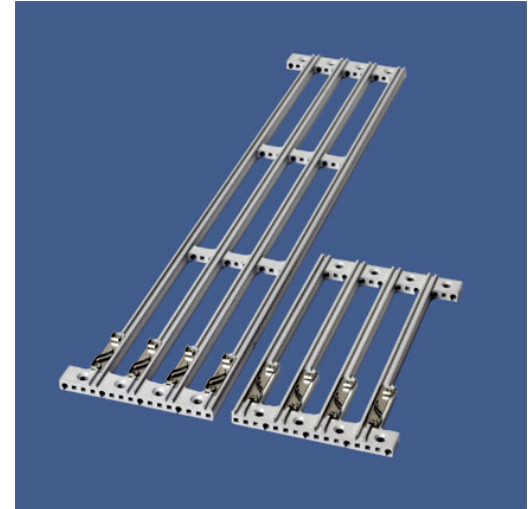
Extruded aluminum card guides for CompactPCI and VME64x

Triple E offers the first all aluminum IEEE1101.10 card guide cluster, a significant improvement compared to conventional plastic card guides. This unique all aluminum card guide system provides a strong, durable and rugged guide deck assembly making it the best choice for rugged COTS applications. Unlike plastic card guides, the solid aluminum design eliminates the risk of breaking, out-gassing or burning in harsh commercial, industrial and military environments.

Our card guides are securely attached to rail extrusions using 6-32 stainless steel screws, thus eliminating the possibility of un-used guides falling out.

With Triple E's patented all aluminum extruded card guides and our extensive in-house machining capability, the custom possibilities are virtually unlimited.

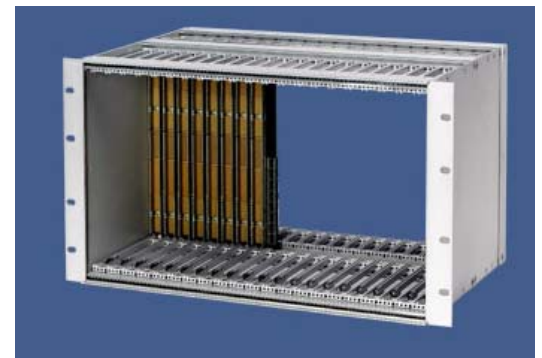
The 901 series card guide / clusters can be retrofitted into most enclosure designs that are already fitted with plastic card guides.



Various length one-piece guide clusters available. Includes ground clip, ESD clip and mounting screws.

Key information:

- ✓ All aluminum extruded card guide clusters (Patent No. 5,506,751)
- ✓ Off-set clusters for power supplies available as a single slot or 2 slot cluster
- ✓ Accepts standard 0.062 thick PCB
- ✓ Standard 4HP (0.80") card pitch
- ✓ Available as a 1, 2, 3 or 4 slot wide cluster
- ✓ Available in standard card depths from 80mm to 400mm
- ✓ No plastic parts used in fabrication or assembly
- ✓ All surfaces finished with a durable smooth aluminum powder coat over clear chromate, except where conductivity is required.



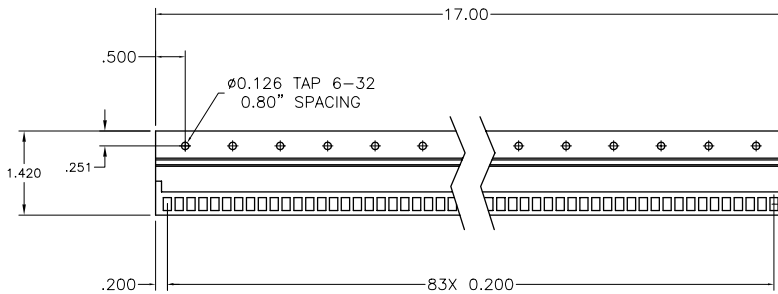
Complete cardframes are available

Industry standards:

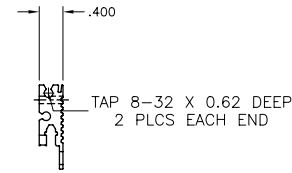
- ✓ IEEE1101.10 and IEEE1101.11
- ✓ PICMG 2.11 for power supplies
- ✓ Designed to meet shock per MIL-STD-901
- ✓ Designed to meet vibration per MIL-STD-167



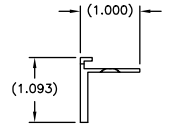
Specifications:



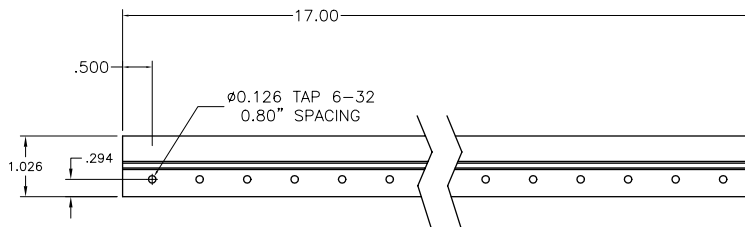
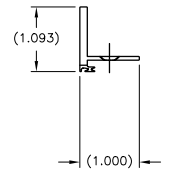
Front top and bottom extrusion. Designed to have a 0.229 lead-in start condition when using the Triple E all aluminum guide clusters.



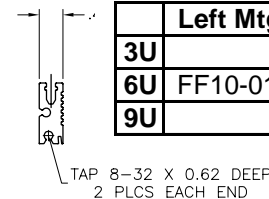
Right mounting angle



Left mounting angle



Rear top and bottom backplane extrusion



	Left Mtg Angle	Right Mtg Angle
3U		
6U	FF10-01631-A1	FF10-01630-A1
9U		

Typical contents required to build a 6U, 21slot cardframe with 80mm rear transition guides:

(4) front extrusions, (2) rear backplane extrusions, (2) rear transition support bars (required only on 80mm guides), (1) left and right mounting flange, (4) tapped strips, (2) backplane spacers, (5) each of a 4 wide 160mm and 80mm guide cluster and (1) each of a 1 slot 160mm and 80mm guide.

Universal side plate 0.90" thick

	160mm	160mm/80mm	160mm/160mm
3U	SP3U1600-A1	SP3U1608-A1	SP3U1616-A1
6U	SP6U1600-A1	SP6U1608-A1	SP6U1616-A1
9U	SP9U1600-A1	SP9U1608-A1	SP9U1616-A1

Description:	Part Number
Front extrusion 17.00"	FR10-01394-A1
Rear backplane extrusion 17.00	RR10-01395-A1
Rear transition support bar 17.00"	TRS-01554-A1
Tapped Strip 16.97"	NB-0001
Backplane spacer 16.98" x 0.06"	IS-00196

Aluminum Card guide / guide clusters: sold in pairs, ie top and bottom

	PICMG 2.11		w/GND clip	w/out GND clip
	160mm	160mm	80mm	80mm
1 slot	CGS-902-S-01-16-A1	CGS-902-P-01-16-GN	CGS-902-R-01-08-A1	CGS-902-T-01-08-A1
2 slot	CGS-902-S-02-16-A1	CGS-902-P-02-16-GN	CGS-902-R-02-08-A1	CGS-902-T-02-08-A1
3 slot	CGS-902-S-03-16-A1		CGS-902-R-03-08-A1	CGS-902-T-03-08-A1
4 slot	CGS-902-S-04-16-A1		CGS-902-R-04-08-A1	CGS-902-T-04-08-A1

Slot depths up to 400mm available, Please consult factory for order codes.