

Performance Overview of the Allegro Network Multimeter

Model		Allegro 200	Allegro 500	Allegro 1000	Allegro 1200	Allegro 1300	Allegro 1400	Allegro 1500	Allegro 3000
Type			M L		1U	1U	2U	4U	
Offices & small data centers		✓	✓						
Offices & data centers				✓	✓	✓	✓		✓
Core networks, data centers & ISPs								✓	
Size (W / H / D in mm)		150 x 25 x 81	148 x 44 x 118	264 x 43 x 226	439 x 43 x 249	437 x 43 x 597	437 x 89 x 647	437 x 178 x 699	264 x 43 x 226
Portable		+++	++	+	0	0	0	0	+
Power supply		external	external	external	internal	redundant	redundant	redundant	external
Performance: full analytics	average throughput	2 GBit/s	2 GBit/s	10 GBit/s	10 GBit/s	10 GBit/s	10 GBit/s	10 GBit/s	20 GBit/s
	max. throughput	2 GBit/s	4 GBit/s	20 GBit/s	20 GBit/s	20 GBit/s	20 GBit/s	20 GBit/s	40 GBit/s
Performance: capture only	average throughput	2 GBit/s	4 GBit/s	20 GBit/s	20 GBit/s	20 GBit/s	20 GBit/s	20 GBit/s	40 GBit/s
	max. throughput	2 GBit/s	4 GBit/s	20 GBit/s	20 GBit/s	40 GBit/s	40 GBit/s	40 GBit/s	40 GBit/s
Connection history		≤ 300 K	≤ 600 K ≤ 1,2 m	≤ 4 - 128 m	≤ 4 - 128 m	≤ 16 m - 1 bn	≤ 16 m - 1 bn	≤ 16 m - 1 bn	≤ 16 m - 1 bn
Max. open connections		200 K	200 K	1 m	1 m	4 m	4 m	4 m	4 m
In-memory database storage		2 GB	4 GB 8 GB	16 - 512 GB	16 - 512 GB	64 - 4096 GB	64 - 4096 GB	64 - 4096 GB	64 - 512 GB
Max. capture-to-disk performance		2 GBit/s	4 GBit/s	20 GBit/s	20 GBit/s	40 GBit/s	40 GBit/s	40 GBit/s	20 GBit/s
Packet ring buffer	USB or NAS	up to 2 GBit/s	up to 4 GBit/s	up to 5 GBit/s	up to 5 GBit/s	up to 5 GBit/s	up to 5 GBit/s	up to 5 GBit/s	up to 5 GBit/s
	internal / changeable	–	internal	both	both	changeable	changeable	changeable	both
Media for packet ring buffer	SSD	250 GB over USB3	500 GB 1 TB	2 - 12,8 TB	2 - 12,8 TB	2 - 128 TB	2 - 51,2 TB	2 - 51,2 TB	2 - 12,8 TB
	HDD	3 TB over USB3	–	1 TB	1 - 16 TB	1 - 10 TB	1 - 192 TB	1 - 576 TB	1 TB
Onboard monitoring-ports	Cu	2 x 1 G	4 x 1 G	3 x 1 G / 2 x 10 G	3 x 1 G / 2 x 10 G	expansion slots for ports	expansion slots for ports	expansion slots for ports	3 x 1 G / 2 x 10 G
	Fibre	–	–	2 x SFP+	2 x SFP+	expansion slots for ports	expansion slots for ports	expansion slots for ports	2 x SFP+
Expansion slots		–	–	1	1	3	7	7	1

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Model		Allegro 3200	Allegro 3300	Allegro 3400	Allegro 3500	Allegro 5300	Allegro 5400	Allegro 5500	Allegro JBOD	Virtual Edition
Type		1U	1U	2U	4U	1U	2U	4U	2U 4U	
Offices & small data centers										Cloud
Offices & data centers		✓	✓							
Core networks, data centers & ISPs				✓	✓	✓	✓	✓	✓	
Size (W / H / D in mm)		439 x 43 x 249	437 x 43 x 597	437 x 89 x 647	437 x 178 x 699	437 x 43 x 597	437 x 89 x 647	437 x 178 x 699	cf. 5400 / 5500	–
Portable		0	0	0	0	0	0	0	0	+++
Power supply		internal	redundant	redundant	redundant	redundant	redundant	redundant	redundant	–
Performance: full analytics	average throughput	20 GBit/s	25 GBit/s	25 GBit/s	25 GBit/s	50 GBit/s	50 GBit/s	50 GBit/s	–	unlimited
	max. throughput	40 GBit/s	50 GBit/s	50 GBit/s	50 GBit/s	100 GBit/s	100 GBit/s	100 GBit/s	–	unlimited
Performance: capture only	average throughput	40 GBit/s	50 GBit/s	50 GBit/s	50 GBit/s	100 GBit/s	100 GBit/s	100 GBit/s	–	unlimited
	max. throughput	40 GBit/s	100 GBit/s	100 GBit/s	100 GBit/s	150 GBit/s	150 GBit/s	150 GBit/s	–	unlimited
Connection history		≤ 16 m - 1 bn	≤ 16 m - 1 bn	≤ 16 m - 1 bn	≤ 16 m - 1 bn	≤ 16 m - 1 bn	≤ 16 m - 1 bn	≤ 16 m - 1 bn	–	unlimited
Max. open connections		4 m	4 m	4 m	4 m	4 m	4 m	4 m	–	unlimited
In-memory database storage		64 - 512 GB	64 - 4096 GB	64 - 4096 GB	64 - 4096 GB	64 - 4096 GB	64 - 4096 GB	64 - 4096 GB	–	unlimited
Max. capture-to-disk performance		20 GBit/s	80 GBit/s	80 GBit/s	80 GBit/s	120 GBit/s	80 GBit/s	80 GBit/s	10 GBit/s 40 GBit/s	unlimited
Packet ring buffer	USB or NAS	up to 5 GBit/s	up to 5 GBit/s	up to 5 GBit/s	up to 5 GBit/s	up to 5 GBit/s	up to 5 GBit/s	up to 5 GBit/s	–	up to 5 GBit/s
	internal / changeable	both	changeable	changeable	changeable	changeable	changeable	changeable	both	–
Media for packet ring buffer	SSD	2 - 12,8 TB	2 - 128 TB	2 - 51,2 TB	2 - 51,2 TB	2 - 128 TB	2 - 51,2 TB	2 - 51,2 TB	–	–
	HDD	1 - 16 TB	1 - 10 TB	1 - 192 TB	1 - 576 TB	1 - 10 TB	1 - 192 TB	1 - 576 TB	192 TB 704 TB	–
Onboard monitoring-ports	Cu	3 x 1 G / 2 x 10 G	expansion slots for ports	expansion slots for ports	expansion slots for ports	expansion slots for ports	expansion slots for ports	expansion slots for ports	requires one expansion slot	1 x virtual mirror port
	Fibre	2 x SFP+								
Expansion slots		1	3	7	7	3	7	7	–	–