




Which Product Family Solution

should I run with in my environment?

	Application	Where are these used?
Dash 	Single application or small business requirements	<ul style="list-style-type: none"> - Exchange server for small to mid-sized companies - Small database servers - Standard File server - Gateway appliances - Firewall - VPN Server - CCTV/Surveillance
Sprint	High computational requirements, multi-user applications	<ul style="list-style-type: none"> - Email server for mid to large-sized corporations - Large front end data base server - Multi-user applications - Load balance server - Application specific servers - Front end server - Medical imaging
Flash 	Extreme performance requirements	<ul style="list-style-type: none"> - Scientific computational server requirements - Server cluster requirements - Massive scalable server requirements - Extreme load balance server - HPC Cluster Server - Massive parallel applications - Enterprise front end server
Marathon	Safety and security are the measurement of success	<ul style="list-style-type: none"> - When data or applications must never fail - Mission critical applications - RAID 0,1,5,10,50 - Long term storage and archival - Video server - Legal document storage
Triathalon 	Performance and capacity for balanced needs	<ul style="list-style-type: none"> - Spacial or power restrictions require power and storage planning - Large storage requirments - Database storage and archival - Content delivery applications
Decathalon	When massive amounts of storage and expansion are required	<ul style="list-style-type: none"> - Massive database applications and storage - Content distribution storage - Massive storage and archival - RAID 0,1,5,10,50 - Virtual tape systems - Financial and banking - Enterprise document storage

Applied Control Concepts Standard Server Linecard

		Chassis	Speed & Performance	Memory Capacity	Storage & Capacity			Flexibility & Expansion	I/O	Power	Options
Family	Model				Internal	External	Optical				
Dash	RM1001	19" w x 15" d 1U	x1 Core 2 Duo	8GB ECC	x3 3.5"	n/a	n/a	x1 PCI Ex16 w/ riser	x2 1000T Ethernet	350w EPS-12V	
Sprint	RM1003	19" w x 29" d 1U	x2 Dual Core Xeon 4MB cache	16GB ECC FBDIMMS DDR2	n/a	x3 SATA hot swap drives	Slim	n/a	x2 1000T Ethernet	400w EPS-12V PFC	SATA RAID controller
Flash	RM1004	19" w x 26" d 1U	x2 Quad-Core Xeon 12MB Cache	64GB ECC DDR2 667MHz	n/a	x3 SAS hot swap drives	n/a	1U PCI-E x16 2.0 x 16 Riser	x2 1000T Ethernet	400w EPS-12V PFC	Infinband, SAS expansion, x2 Gb expansion
Triathlon	RM1002	19" w x 25.6" d 1U	x2 3.8GHz Xeon	8GB ECC	x3 3.5"	n/a	Slim	x1 PCI X w/ riser	x2 1000T Ethernet	350w EPS-12V	
Dash	RM2001	19" w x 17" d 2U	x1 Core 2 Duo	8GB DDR2	x3 3.5"	x1 5.25", x1 3.5"	Slim	x3 PCI Express x16 w/ Riser Card	x2 1000T Ethernet	350w ATX PFC	
Sprint	RM2003	19" w x 25.3" d 2U	x2 Dual Core Xeon 4MB cache	32GB ECC FBDIMMS DDR2	x8 SAS fixed 3.5"	x1 3.5", x1 5.25"	n/a	x3 FH w/ riser	x2 1000T Ethernet	460w ATX/EPS PFC	SAS/SATA RAID
Marathon	RS2201	19" w x 28" d 2U	x2 Dual Core Xeon 4MB cache	32GB ECC FBDIMMS DDR2	n/a	x12 SAS hot swap drives	n/a	x7 PCI Express x16 w/ riser card	x2 1000T Ethernet	500w 1+1 redundant	RAID 0,1,5,10,50
Triathlon	RM2002	19" w x 27" d 2U	x2 Dual Core Xeon 4MB cache	32GB ECC FBDIMMS DDR2	x1 5.25", x1 3.5"	x6 SATA hot swap drives	Slim	x3 PCI Express x16 Slot Riser Card	x2 1000T Ethernet	x2 600w EPS PFC-12V redundant	SAS/SATA RAID w/ cache & expander
Dash (MB)	RM4001	19" w x 20" d 4U	x2 Dual Core Xeon 4MB cache	16GB ECC FBDIMMS DDR2	x2 3.5" SATA	x3 5.25", x1 3.5"	Full Size	x2 PCI Express x4, x1 PCI-X 64-100MHz, x1 PCI-X 64-133MHz	x2 1000T Ethernet	300W Single & Dual PFC	SAS RAID; Redundant Power
Sprint (MB)	RM4002	19" w x 20" d 4U	x2 Dual Core Xeon 4MB cache	32GB ECC FBDIMMS DDR2	x2 SAS 3.5"	x3 SAS/IDE 5.25", x1 SAS 3.5"	Full Size	x2 PCI Express x8, x2 PCI Express x4 x1 PCI-X 64-100MHz, x1 PCI-X 64-133MHz	x2 1000T Ethernet	400w single or Dual PFC	SAS/SATA RAID; Redundant Power
Sprint (SBC)	RM4102	19" w x 20" d 4U	x2 Xeon 2MB cache	8GB ECC DDR2 DIMM	x2 3.5"	x1 3.5", x3 5.25"	Full Size	x13 slot backplane; 1 segment, PCIe x8	x1 10/100/1000	500w single or dual	Redundant Power
Marathon	RS4201	19" w x 26.5" d 4U	x2 Quad-Core Xeon 12MB cache	64GB ECC DDR2	n/a	x24 SAS hot swap drives	n/a	x7 FH/FL cards	x2 1000T Ethernet	950w 3+1 redundant	RAID 0,1,5,10,50
Triathlon (SBC)	RM4101	19" w x 20" d 4U	x1 Core 2 Duo 4MB cache	4GB DDR2	x2 3.5"	x1 3.5", x3 5.25"	Full Size	x13 slot backplane; 1 segment, PCIe	x1 10/100/1000	400w single or dual	Redundant Power
Decathlon 5U SATA	RS5201	19" w x 24" d 5U	x4 AMD Opteron 2MB Cache	64GB ECC DDR2	x48 3.5" fixed	n/a	n/a	x7 FH/FL cards	x2 1000T Ethernet	1350w 3+1 redundant	RAID 0,1,5,10,50
Decathlon 8U SATA	RS8201	19" w x 27" d 8U	x4 AMD Opteron 2MB Cache	64GB ECC DDR2	x1 3.5", x1 5.25"	x40 3.5" SATA/SAS hot swap drives	Slim	x7 FH/FL cards	x2 1000T Ethernet	1350w 3+1 redundant	RAID 0,1,5,10,50