

# SPECIFICATION SHEET: Riverbed® Steelhead® Product Family

## Model Specifications: Riverbed Steelhead xx20 Series Appliances

Steelhead Appliances are available in four different models to suit the needs of any office.

	Small Office				Mid-Size Office				Large Office or Data Center				High Availability	Management										
Model	50	100	200	300	520	1020	1520	2020	3020	3520	5520	6020	6120	Interceptor 9200	Clustered <sup>3</sup>	CMC 8000/ SMC 8500								
Profile	Desktop				1U				3U					n x 3U	1U									
WAN Capacity <sup>1</sup>	256Kbps	1 Mbps	1 Mbps	2 Mbps	1 Mbps	2 Mbps	4 Mbps	10 Mbps	20 Mbps	45 Mbps	155 Mbps	310 Mbps	310 Mbps	4 Gbps	4 Gbps	N/A								
WAN Capacity (High-speed) <sup>1</sup>	256Kbps	1 Mbps	1 Mbps	2 Mbps	1 Mbps	2 Mbps	4 Mbps	10 Mbps	20 Mbps	45 Mbps	800 Mbps	800 Mbps	800 Mbps	-	-	-								
Optimized TCP Connections <sup>2</sup>	250	25	110	165	330	700	1,100	2,000	3,500	6,000	15,000	40,000	4,000	1,000,000	1,000,000	-								
Total Disk	60 GB	60 GB	60 GB	60 GB	250 GB	250 GB	250 GB	500 GB	1.0 TB	1.5 TB	1.5 TB	3.2 TB	7.0 TB	n x m	n x m	250GB								
Data Store Capacity	35 GB	35 GB	35 GB	35 GB	80 GB	80 GB	80 GB	150 GB	250 GB	512 GB	700 GB	1.4 TB	3.4 TB	n x m	n x m	N/A								
RAID	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	-								
Front Swappable Disks	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	-								
RAM	512 MB				2 GB				4 GB				6 GB		8 GB		16 GB		4 GB		-		2 GB	
Slots	-	-	-	-	1				3				-		-		-		-					
Max # of Bypass Ports	2				6				16				-		-		-		-					

## Power & Physical Specifications

	Small Office				Mid-Size Office				Large Office or Data Center				High Availability	Management								
Model	50	100	200	300	520	1020	1520	2020	3020	3520	5520	6020	6120	Interceptor 9200	Clustered <sup>3</sup>	CMC 8000/ SMC 8500						
Dual Power Supplies	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-						
Triple Power Supplies	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-						
Power (Watts) <sup>4</sup>	31.5				149				425				505		425		-		206			
VA <sup>4</sup>	55				151				435				520		435		-		207			
Amps <sup>4</sup>	0.5				1.28				3.7				4.4		3.7		-		1.76			
BTU	107				508				1450				1723		1450		-		646			
Temperature	0 - 50 deg C / 32 - 122 deg F (Operating) -20 - 70 deg C / -4 - 158 deg F (Storage)				10 - 35 deg C / 50 - 95 deg F (Operating) -40 - 65 deg C / -40 - 149 deg F (Storage)				10 - 35 deg C / 50 - 95 deg F (Operating) -40 - 70 deg C / -40 - 158 deg F (Storage)				-		-		Same as Models 520 - 2020					
Relative Humidity <sup>5</sup>	20% - 80% non-condensing (Operating) 5% - 95% non-condensing (Storage)				20% - 80% non-condensing (Operating) 5% - 95% non-condensing (Storage)				20% - 80% non-condensing (Operating) 5% - 95% non-condensing (Storage)				-		-		Same as Models 520 - 2020					
System Dimensions	1.75 x 8.75 x 6 in (4.4 x 22.2 x 15.2 cm)				1.69 x 17.6 x 21.5 in (4.27 x 44.7 x 54.61 cm)				5.2 x 17.7 x 25.5 in (13.2 x 45 x 64.7 cm)				-		-		1.69 x 17.6 x 21.5 in (4.27 x 44.7 x 54.61)					
Packaging Dimensions	4.75 x 12 x 13.75 in (12 x 30.5 x 35 cm)				13 x 25 x 35 in (33 x 64 x 89 cm)				13.75 x 27 x 34.5 in (35 x 69 x 88 cm)				-		-		13 x 25 x 35 in (33 x 64 x 89)					
Gross Weight	7.5 lbs / 3.4 kg				26 lbs / 12 kg				89 lbs / 40 kg		92 lbs / 42 kg		95 lbs / 43 kg		105 lbs / 47 kg		89 lbs / 40 kg		-		26 lbs / 12 kg	
Rail Information	N/A				Universal (2 and 4 post) Orderable Part # CMP-RMK-DA000X. Min depth: 3 inches/8 cm (front mount). Max depth: 31 inches/78 cm				17 to 33 in (43 to 83 cm)				-		-		Universal (2 and 4 post)					

<sup>1</sup>Inbound (WAN to LAN) Steelhead capacity is unrestricted; outbound WAN capacity can be expected up to the amount listed (On the 5520, 6020, and 6120 total WAN capacity equals inbound traffic + outbound traffic)

<sup>2</sup>TCP Connections can be expected up to the amount listed

<sup>3</sup>Any Steelhead model can be clustered

<sup>4</sup>Typical power ratings @ 110V

<sup>5</sup>Operating altitude up to 10,000 feet

The availability, export, or re-export of these products or specific features are subject to the export laws and regulations of the U.S. and the laws and regulations of any applicable foreign agency or authority.

Please refer to the xx50 appliances spec sheet for specifications on the other models.

## System Requirements: Steelhead Mobile

Steelhead Mobile 2.0 enables secure optimization and application performance over the WAN for the mobile workforce.

Operating System	Windows 2000 SP4: XP SP3 (32 bit versions only), Vista SP1 (32 bit versions only)
CPU	Celeron 450 MHz
Memory	256 MB
Disk Store	250 MB free disk space (min. required)
Steelhead Appliance <sup>6</sup>	Required
Steelhead Mobile Controller (SMC)	Required

## Software Specifications: Steelhead Mobile

Concurrent Clients Supported per SMC	2000
Concurrent Clients Supported with SMC Cluster <sup>7</sup>	n x 2000
VPN Compatibility <sup>8</sup>	Cisco, Nortel, Juniper, Microsoft, OpenVPN, F5, CheckPoint, AT&T, Citrix
Wireless PC Card Compatibility <sup>9</sup>	Verizon, AT&T, Sprint, T-Mobile, Telstra

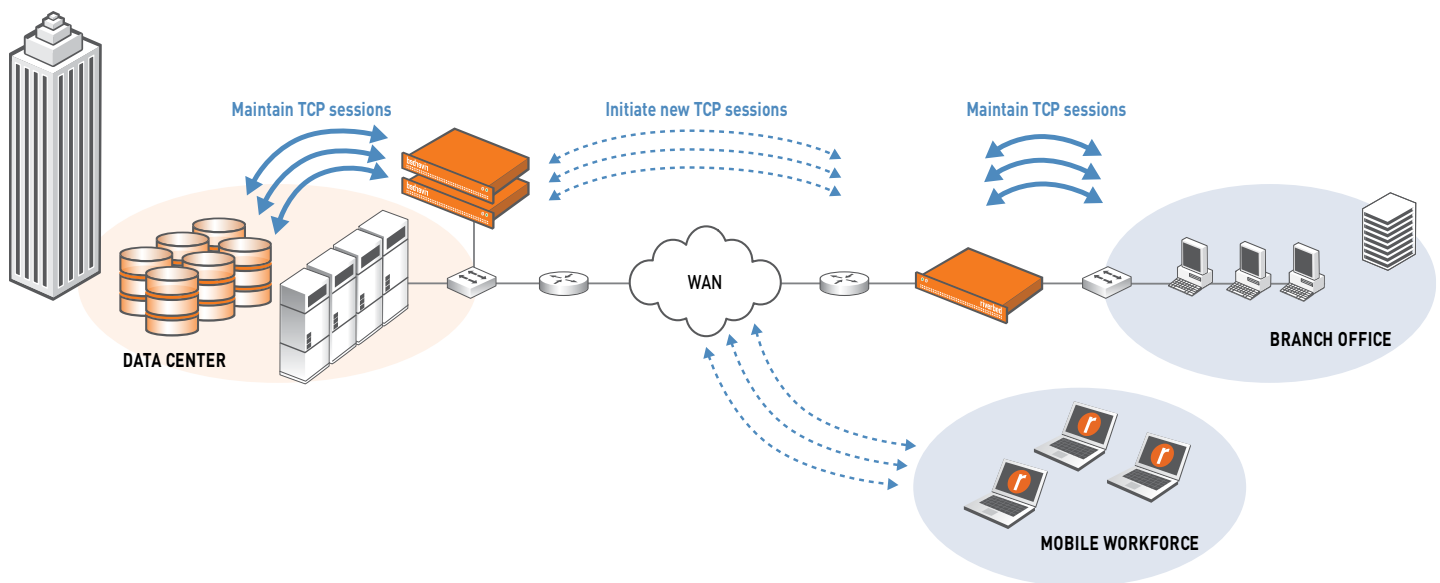
<sup>6</sup>At least one Steelhead appliance is required running RiOS version 4.x or higher

<sup>7</sup>Steelhead Mobile Controllers can operate in clustered mode to support additional Steelhead Mobile clients.

<sup>8</sup>Partial listing. VPN compatibility may be impacted by vendor software version, client configuration, and other factors. Refer to detailed VPN specifications at [www.riverbed.com/steelhead\\_mobile/vpn\\_specs/](http://www.riverbed.com/steelhead_mobile/vpn_specs/) for more information

<sup>9</sup>Partial listing. Wireless PC Card compatibility may be impacted dependent upon hardware and driver versions, bundled software, and other factors. Refer to detailed wireless specifications at [www.riverbed.com/steelhead\\_mobile/wireless/](http://www.riverbed.com/steelhead_mobile/wireless/) for more information

## Typical Steelhead Deployment



### About Riverbed

Riverbed Technology is the performance leader in wide-area data services (WDS) solutions for companies worldwide. By enabling application performance over the wide area network (WAN) that is orders of magnitude faster than what users experience ordinarily, Riverbed is changing the way people work, and enabling a distributed workforce that can collaborate as if they were local. Additional information about Riverbed (Nasdaq: RVBD) is available at [www.riverbed.com](http://www.riverbed.com).

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2005, 2006, 2007, 2008



WAN Optimization - Riverbed RiOS 3.0



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