

# Ascend

## COMPETITIVE ANALYSIS

### Multiband Product Family

	Ascend VSX-BRI	Promptus 200B	Teleos M20-4B/2P	Adtrans ISU512
<b>Price</b>	<b>1195/2895</b>	<b>4950</b>	<b>4000</b>	<b>2595</b>
Network 1/F	NT1	S/T	S/T	NT1
BRI	•	•	•	•
Max throughput	512K	512K	512K	512K
<b>Application Ports</b>				
No of Ports	2	2	2	2(a)
V.35	•	•	•	•
RS-449	•	•	•	•
X.21	•	•	•	•
<b>Dialing Controls</b>				
Terminal	•	•	•	•
RS366	•	•	•	•
v.25bis	•	•	•	•
X.21	•	• \$750(b)	•	•
Control Lead	•	•	•	•
<b>IMUX features</b>				
Proprietary	•	•	•	•
BONDING	•	•	•	•
<b>Special Features</b>				
BERT capability	•	•	•	•
Call Detail Reporting	•	•	•	•
Modular Expansion	•	•	•	•
Remote Mgt	•	• \$500(b)	•	•
Preprogrammed Dir	•	•	•	•
Password Security	•	•	•	•
Weight	4 lb 4 oz	10 lb	11 lb	3 lb
Height	1.75" (1U)	1.75"	1.75"	2.25"

a Special cable required for second port

b Purchase option



	Ascend VSX-T18	Ascend VSX-T1	Promptus 200T	Teleos M20-1T/2P
<b>Price</b>	5495	6450	10500	7000
T1/PRI	•	•	•	•
Max throughput	512K	1.5M	1.5M	1.5M
<b>Application Ports</b>				
No of Ports	2	2	2	2
V.35	•	•	•	•
RS-449	•	•	•	•
X.21	•	•	•	•
<b>Dialing Controls</b>				
Terminal	•	•	•	•
RS366	•	•	•	•
v.25bis	•	•	•	
X.21	•	•	• \$750(b)	
Control Lead	•	•	•	•
<b>IMUX features</b>				
Proprietary	•	•		•
BONDING	•	•	•	•
<b>Special Features</b>				
BERT capability	•	•	•	•
Call Detail Reporting	•	•		•
Modular Expansion	•	•		
Remote Mgt	•	•	• \$500	•
Preprogrammed Dir	•	•		
Password Security	•	•	•	
<b>Network Features</b>				
Multirate	•	•	• (b)	
Internal CSU	• (b)	• (b)	• (b)	• (b)
PRI→T1 conversion	• (b)(c)	• (c)		
Weight	4 lb 4 oz	4 lb 4 oz	10 lb	11 lb
Height	1.75"	1.75"	1.75"	1.75"

- a Special cable required for second port
- b Purchase option
- c Expansion module



	<b>Ascend MBP-8BRI</b>	<b>Promptus 200B</b>	<b>Teleos M20-4B/2P</b>
<b>Price</b>	<b>7000</b>	<b>4950</b>	<b>7000</b>
<b>Network I/F</b>	<b>S/T</b>	<b>S/T</b>	<b>S/T</b>
<b>BRI</b>	<b>•</b>	<b>•</b>	<b>•</b>
<b>Max throughput</b>	<b>1024K</b>	<b>512K</b>	<b>512K</b>
<b>Application Ports</b>			
<b>No of Ports</b>	<b>4</b>	<b>2</b>	<b>2</b>
<b>V.35</b>	<b>•</b>	<b>•</b>	<b>•</b>
<b>RS-449</b>	<b>•</b>	<b>•</b>	<b>•</b>
<b>X.21</b>	<b>•</b>	<b>•</b>	<b>•</b>
<b>Dialing Controls</b>			
<b>Terminal</b>	<b>•</b>	<b>•</b>	<b>•</b>
<b>RS366</b>	<b>•</b>	<b>•</b>	<b>•</b>
<b>v.25bis</b>	<b>•</b>	<b>•</b>	
<b>X.21</b>	<b>•</b>	<b>• \$750 (b)</b>	
<b>Control Lead</b>	<b>•</b>	<b>•</b>	<b>•</b>
<b>IMUX features</b>			
<b>Proprietary</b>	<b>•</b>		<b>•</b>
<b>BONDING</b>	<b>•</b>	<b>•</b>	<b>•</b>
<b>Special Features</b>			
<b>BERT capability</b>	<b>•</b>	<b>•</b>	<b>•</b>
<b>Call Detail Reporting</b>	<b>•</b>		<b>•</b>
<b>Remote Mgt</b>	<b>•</b>	<b>• \$500</b>	<b>•</b>
<b>Password Security</b>	<b>•</b>	<b>•</b>	<b>•</b>
<b>Backup/Overflow</b>	<b>•</b>	<b>• \$5000 (b)</b>	
<b>Weight</b>	<b>10lb</b>	<b>10 lb</b>	<b>11 lb</b>
<b>Height</b>	<b>1.75" (1U)</b>	<b>1.75"</b>	<b>1.75"</b>

- a Special cable required for second port
- b Purchase option



	Ascend MBP-T1	Promptus 200T	Teleos M20-1T/2P
<b>Price</b>	<b>8000</b>	<b>10500</b>	<b>7000</b>
T1/PRI	•	•	•
Max throughput	3.0M	1.5M	1.5M
<b>Application Ports</b>			
No of Ports	4	2	2
V.35	•	•	•
RS-449	•	•	•
X.21	•	•	•
<b>Dialing Controls</b>			
Terminal	•	•	•
RS366	•	•	•
v.25bis	•	•	
X.21	•	• \$750 (b)	
Control Lead	•	•	•
<b>IMUX features</b>			
Proprietary	•		•
BONDING	•	•	•
<b>Special Features</b>			
BERT capability	•	•	•
Call Detail Reporting	•		•
Remote Mgt	•	• \$500 (b)	•
Password Security	•	•	
Backup/Overflow	•		
<b>Network Features</b>			
Multirate	•(b)	•(b)	
Internal CSU	•(b)	•(b)	•(b)
PRI→T1 conversion	•(b)		
Weight	10lb	10 lb	11 lb
Height	1.75 "	1.75 "	1.75 "

- a Special cable required for second port  
b Purchase option



**Remote Networking**  
**Solutions That Work.™**

Ascend Communications, Inc.  
One Ascend Plaza  
1701 Harbor Bay Parkway  
Alameda, CA 94502, USA  
TEL: 510.769.6001

FAX: 510.747.2300  
E-mail: info@ascend.com  
Toll Free: 800.621.9578  
FAX Server: 415.688.4343  
Web site: http://www.ascend.com