

ATLAS Series IAD Feature Matrix

	ATLAS 550	ATLAS 830	ATLAS 890 Redundant	ATLAS 890 Non-Redundant
Part Number	AC: 1200305L2 DC: 1200550L2	AC: 1200780L1 DC: 1200781L1	AC: 4200321L2 DC: 4200321L4	AC: 4200321L1 DC: 4200321L3
Base Chassis, System Controller				
Integral T1/PRI/DSX-1 Ports	1	2	0	0
Ethernet Port	10/100Base-T	10/100Base-T	10/100Base-T	10/100Base-T
Expansion Slot	5	8	13 AC/15 DC	15 AC/16 DC
AC Power	1200305L2	1200780L1	4200321L2	4200321L1
DC Power	1200550L2	1200781L1	4200321L4	4200321L3
Redundant Power Supply		▲	●	▲
Redundant Controller			●	▲
Alarm Contacts	●	●	●	●
SNMP, Telnet	●	●	●	●
System Features (additional modules required)				
1/0 DACS	●	●	●	●
3/1/0 DACS		●	●	●
ISDN Switch	●	●	●	●
Call Switching (Dial Plan)	●	●	●	●
Frame Relay Switch	●	●	●	●
IP Routing (Frame Relay, PPP)	●	●	●	●
Voice over Frame Relay	●	●	●	●
Safe-T-Net*	●	●	●	●
IMUX – Nx56/64 BONDING	●	●	●	●
IMUX – NxT1 Point-to-Point	●	●	●	●
Expansion Ports (maximum)				
T3 Ports		✘	✘	✘
T1/PRI Ports	17	32	52 AC, 60 DC	60 AC, 64 DC
E1/PRA Ports	2	32	52 AC, 60 DC	60 AC, 64 DC
ISDN BRI Ports (U or S/T)	16	64	104 AC, 120 DC	120 AC, 128 DC
V.35 Interfaces	8	32	52 AC, 60 DC	60 AC, 64 DC
USSI Ports (EIA-530, RS-449/V.36, X.21/V.11, EIA-232)	8	32	52 AC, 60 DC	60 AC, 64 DC
Analog Ports (FXS, FXO, or E&M)	32	32 (FXS Only)	48 (FXS Only)	48 (FXS Only)
Frame Relay, IP Router				
Frame Relay Packets Per Second (PPS)	5,000	7,900	11,000	11,000
DLCIs Supported (Maximum)	992	992	992	992
IQ Statistics	●	●	●	●
Voice Compression Calls	32	64	64	64
IP Router Packets Per Second (PPS)	3000	3200	4000	4000
IP Route Table Entries	2700	2700	2700	2700
Static Route Entries	128	128	128	128
DHCP Client/Server	●			
Time Division Multiplexing, ISDN Switching				
TDM Backplane Bandwidth (In-bound)	216 DS0s	720 DS0s	720 DS0s	720 DS0s
TDM Backplane Bandwidth (Out-bound)	216 DS0s	720 DS0s	720 DS0s	720 DS0s
ISDN PRI to T1 Conversions	5	10	15	15
NFAS, NFAS with Backup D-Channel		☐	☐	☐

- Standard
- ▲ Option available
- ✘ Maximum number of ports available depends on application
- ☐ One backup D-Channel

* Safe-T-Net is ADTRAN's technology that provides dial backup disaster recovery of the Frame Relay network.