| Chassis | Part Number | WAN T1 | TDM Voice T1/DSX-1 | Analog FXS & FXO Interfaces | Ethernet Interfaces | Max Simultaneous TDM to IP Conversions | Max Simultaneous Calls on a SIP Trunk | Max SIP Trunks | Max T.38 Sessions | Memory | Flash |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Access 9XXe (3rd Gen)** | | | | | | | | | | | |
| 908e 3rd Gen (w/Lifeline FXO) | 4243908F2 | 4* | 4* | 8-FXS + 1-FXO | 1-GigE + 2-10/100 | 60 | 100 | 12 | 30 | 512 MB | 128MB |
| 908e 3rd Gen (30-CH DSP) | 4243908F5 | 4* | 4* | 8-FXS + 1-FXO | 1-GigE + 2-10/100 | 30 | 100 | 12 | 30 | 512 MB | 128MB |
| 916e 3rd Gen (w/Lifeline FXO) | 4243916F2 | 4* | 4* | 16-FXS + 1-FXO | 1-GigE + 2-10/100 | 60 | 100 | 12 | 30 | 512 MB | 128MB |
| 916e 3rd Gen (30-CH DSP) | 4243916F5 | 4* | 4* | 16-FXS + 1-FXO | 1-GigE + 2-10/100 | 30 | 100 | 12 | 30 | 512 MB | 128MB |
| 924e 3rd Gen (w/Lifeline FXO) | 4243924F2 | 4* | 4* | 24-FXS + 1-FXO | 1-GigE + 2-10/100 | 60 | 100 | 12 | 30 | 512 MB | 128MB |
| 924e 3rd Gen (30-CH DSP) | 4243924F5 | 4* | 4* | 24-FXS + 1-FXO | 1-GigE + 2-10/100 | 30 | 100 | 12 | 30 | 512 MB | 128MB |
| 924e 3rd Gen (16-FXS + 9-FXO) | 4243924F3 | 4* | 4* | 16-FXS + 9-FXO | 1-GigE + 2-10/100 | 60 | 100 | 12 | 30 | 512 MB | 128MB |
| **Total Access 9XXe (2nd Gen)** | | | | | | | | | | | |
| 908e 2nd Gen | 4242908L1 | 4 # | 2 # | 8-FXS + 1-FXO | 2-10/100 | 60 | 84 | 12 | 4 | 128 MB | 32MB |
| 908e 2nd Gen (30-CH DSP) | 4242908L5 | 4 ## | 2 ## | 8-FXS + 1-FXO | 2-10/100 | 30 | 84 | 12 | 4 | 128 MB | 32MB |
| 916e 2nd Gen | 4242916L1 | 4 # | 2 # | 16-FXS + 1-FXO | 2-10/100 | 60 | 84 | 12 | 4 | 128 MB | 32MB |
| 916e 2nd Gen (30-CH DSP) | 4242916L5 | 4 ## | 2 ## | 16-FXS + 1-FXO | 2-10/100 | 30 | 84 | 12 | 4 | 128 MB | 32MB |
| 924e 2nd Gen | 4242924L1 | 4 # | 2 # | 24-FXS + 1-FXO | 2-10/100 | 60 | 84 | 12 | 4 | 128 MB | 32MB |
| 924e 2nd Gen (30-CH DSP) | 4242924L5 | 4 ## | 2 ## | 24-FXS + 1-FXO | 2-10/100 | 30 | 84 | 12 | 4 | 128 MB | 32MB |
| 924e 2nd Gen (16-FXS  9-FXO) | 4242924L2 | 4 # | 2 # | 16-FXS + 9-FXO | 2-10/100 | 60 | 84 | 12 | 4 | 128 MB | 32MB |
| **Total Access 9XX (3rd Gen)** | | | | | | | | | | | |
| 908 3rd Gen | 4213908F1 | 1 | 1 | 8-FXS | 1-GigE | 30 | 42 | 3 | 30 | 512 MB | 128MB |
| 916 3rd Gen | 4213916F1 | 1 | 1 | 16-FXS | 1-GigE | 30 | 42 | 3 | 30 | 512 MB | 128MB |
| 924 3rd Gen | 4213924F1 | 1 | 1 | 24-FXS | 1-GigE | 30 | 42 | 3 | 30 | 512 MB | 128MB |
| **Total Access 9XX (2nd Gen)** | | | | | | | | | | | |
| 904 2nd Gen | 4212904L1 | 1 | 1 | 4-FXS | 1-10/100 | 30 | 42 | 3 | 4 | 64 MB | 32MB |
| 908 2nd Gen | 4212908L1 | 1 | 1 | 8-FXS | 1-10/100 | 30 | 42 | 3 | 4 | 64 MB | 32MB |
| 912 2nd Gen | 4212912L1 | 1 | 1 | 12-FXS | 1-10/100 | 30 | 42 | 3 | 4 | 64 MB | 32MB |
| 916 2nd Gen | 4212916L1 | 1 | 1 | 16-FXS | 1-10/100 | 30 | 42 | 3 | 4 | 64 MB | 32MB |
| 924 2nd Gen | 4212924L1 | 1 | 1 | 24-FXS | 1-10/100 | 30 | 42 | 3 | 4 | 64 MB | 32MB |

* The TA 900e 3rd Gen series have 4 T1 interfaces and any of the 4 interfaces may be used for WAN data T1 termination using PPP/MLPPP or FR/MLFR. Any of the 4 T1 ports may be configured for TDM Voice (User Role & Networks Role) for Terminating T1/PRI or emulating T1/PRI toward a customer's PBX. The simultaneous TDM to IP calls are limited to the DSP resources of the model. See the "Max Simultaneous TDM to IP Conversions" column for the DSP resources of that particular model.

# The TA 900e 2nd Gen series have 4 T1 interfaces and all 4 interfaces may be used for WAN data T1 termination using MLPPP/MLFR. Ports 3 and 4 are configurable for TDM Voice (User Role & Networks Role) for Terminating T1/PRI or emulating T1/PRI toward a customer's PBX. Therefore the TA 900e 2nd Gen units can emulate 2 T1/PRI circuits and support calls on all DS0s for those circuits simultaneously.

## The TA 900e 2nd (30-Channel DSP) versions have 4 T1 interfaces and all 4 interfaces may be used for WAN data T1 termination using MLPPP/MLFR. Either Ports 3 or 4 are configurable for TDM Voice (User Role & Networks Role) for Terminating T1/PRI or emulating T1/PRI toward a customer's PBX. However, with this special 30-Channel DSP version, only one of the two ports can be configured for voice. That said, the TA 900e 2nd (30-Channel DSP) versions support only 1 T1/PRI circuit.

The TA 900 series only has 1 WAN T1 port for data termination and one DSX-1 for T1/PRI emulation toward the customer PBX. These ports are in a fixed configuration and cannot be programmed to operate in any other fashion. The Ethernet port may be used as a LAN or WAN interface depending on customer requirements.

Both units can support analog and T1/PRI calls simultaneously, but the max simultaneous TDM to IP conversions number still applies. The Max Simultaneous Calls On a SIP Trunk number indicates the maximum number of SIP calls that can be active at any given time over a SIP trunk. Available bandwidth may limit this number.