

NORTEL NETWORKS MERIDIAN 1 OPTION 11C MINI

Meeting your communication needs

Option 11C Mini brings the power of the Meridian 1 portfolio to your small branch office. Option 11C Mini delivers to your business a compact, cost-effective, standalone or networked solution that meets your robust voice communications needs. Option 11C Mini has at its command the same desktop, security and administration features that are used on the larger Meridian 1 system options.



So your business can take advantage of centralised services such as CallPilot for Unified Messaging and perform system administration on your entire Meridian 1 network with Optivity Telephony Manager (OTM). Distributed services, such as Network Attendant Service and Network Message Service, are available to your networked sites with the powerful portfolio of Integrated Services Digital Networking (ISDN) features available from Meridian 1.

Option 11C Mini also supports both Voice over IP (VoIP) products and applications such as Meridian 1 ITG Gateways and the IP Expansion Option. Thus, you can deliver VoIP to your desktop with our Meridian 1 ITG Line Side Gateway and either the i2004 Internet Telephone or i2050 Software Phone. Within the campus, you can distribute Option 11C Mini Expansion Chassis', housing Intelligent Peripheral Equipment (IPE), via point-to-point 100BASE-T Copper or 100BASE-F Fibre

connections. Thus, further leveraging the bandwidth in place to support your corporate data network.

While optimised for the small branch office between 60 and 128 ports, Option 11C Mini is also extensible. It can scale up to a maximum of 700 ports, thus making Option 11C Mini an investment that is future safe. As with the other Meridian 1 systems in the portfolio, Option 11C Mini is designed with Nortel Networks Evergreen strategy in mind. This ensures to your business a smooth upgrade path as your business needs evolve. Remote telecommuters and branch offices are supported with Remote Office 9110/9115 and 9150 products where the Option 11C Mini would act as your hub. And all of these investments can carry forward should your business needs expand beyond the capacity of the 11C Mini. With its networking capability, you can network the Mini to another 11C Mini (or any other Meridian 1 system for that matter) and benefit from our robust portfolio of ISDN features supported by Meridian 1's X11 software including Network Message Service, Network Attendant Service, Uniform and Coordinated Dialling Plans just to name a few.

Option 11C Mini Architecture

While Option 11C Mini is small in size, it's large in power. Option 11C Mini systems come standard with a Motorola 68040 commercially based central processor that offers support of up to 58,000 Busy Hour Call Completions (BHCC)¹.

Option 11C Mini comprises two chassis'. The "Main" Chassis contains the Motorola CPU, noted above, in addition to a 48-port digital line card that is unique to the Option 11C Mini design. Use of this 48-port digital line card enables the Option 11C Mini to support up to 80 ports within the main chassis – making it an extremely cost-effective and compact solution for small branch offices. To reach the 80 port capacity within the Main Chassis, three other card slots are available that support standard Intelligent Peripheral Equipment Cards such as the 16 port Digital Line Card, 16 port Analog Message Waiting Line Card and 8 port Universal Trunk Card. Integrated server applications for conference bridge, recorded announcement and personal call director services are also supported in IPE card slots

Option 11C Mini

Key Features

- Optimised especially for the small branch office (60 – 128 ports) as either a standalone or networked solution within a corporate enterprise
- Flexible expansion capability supporting up to 800 ports making Option 11C Mini investments future safe
- Operates on the same X11 Software as larger Meridian 1 systems in the portfolio resulting in the same desktop, system and security features available to your business as these systems
- Intelligent Peripheral Equipment (IPE) and the desktop portfolio are those used by the other Meridian 1 systems within the portfolio – ensuring a cost-effective and smooth upgrade path should your business needs evolve
- Supports all Meridian 1 networking protocols and the full range of integrated Meridian 1 applications, including: Meridian Mail, CallPilot, Symposium Call Centre, Conference Bridge, Recorded Announcer, and Personal Call Director solutions.
- Physical design offers maximum installation flexibility with wall mount, table mount, shelf mount or 19" rack mount housing capability.
- Supports VoIP with Meridian 1 ITG Gateways in addition to the "IP Expansion Option", that enables Option 11C Mini Expansion Chassis to be distributed point-to-point over your QoS data network

and can be housed here. VoIP Gateways, such as the Meridian 1 ITG Line Side, Trunk Side and Wireless Gateways are also supported within IPE Card slots on Option 11C Mini. All of the IPE based cards noted are the same as used on other Meridian 1 systems.

For networked environments, where Option 11C Mini is an end node as part of a corporate network, there is also support for Digital Trunk/Primary Rate Interface connections.

Solution Sets

With the Meridian 1 Option 11C Mini, branch offices can now get all the power, capabilities, and features of the larger systems in the Meridian 1 portfolio. Specifically designed for the small branch office or remote site, Option 11C Mini can function as a standalone unit or as an end node in a Meridian 1 network. This makes it ideal for applications such as schools, branch offices of banks, satellite sales offices, doctors offices within medical clinics etc.

1. Busy Hour Call Completion (BHCC) is an often used industry metric to measure the call processor power of a CPU for a PBX. Traditionally, it is measured using analog sets in which the PBX performs constant redialling during a specified period of time for measurement.

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