

The Siemens logo is displayed in a bold, grey, sans-serif font. It is positioned in the upper right quadrant of the page, which has a dark grey background. To the left of the logo, there is a vertical decorative element consisting of a red bar and a lighter red bar.

Reseller Learning Zone

Application No: 2220

- HiPath 3250, 3350 & 3550 V3.0

Vital Statistics

November 2002



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HiPath 3250, 3350 & 3550 V3.0 Vital Statistics

Detailed below is information on the physical build and specifications for version 3 of the HiPath 3250, 3350 and 3550 wall mounted voice servers which should be useful when responding to tenders etc.

Maximum Capacities

The following figures **exclude** extensions connected via adapters.

HiPath 3250

Maximum corded (TDM) extensions	8
Maximum cordless (TDM) extensions	8
Maximum IP devices	Nil
Maximum trunks	4 B Channels (BRI ISDN only)

HiPath 3350

Maximum corded (TDM) extensions	44
Maximum cordless (TDM) extensions	16
Maximum IP devices	96
Maximum trunks	16

HiPath 3550

Maximum corded (TDM) extensions	116
Maximum cordless (TDM) extensions	64
Maximum IP extensions	192
Maximum trunks	60 (one PRI card only)

NB 1 The maximum combined trunk and extension capacities for HiPath 3350 and 3550 will depend on individual configurations.

NB 2 The maximum combined TDM corded, cordless and IP extension capacities will depend on individual configurations.

NB 3 ISDN devices connected via S0 bus to be included in extension capacities.



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Control Unit Details

Number of Universal Card Slots

HiPath 3250 None (fixed configuration)

HiPath 3350 2

HiPath 3550 6 Plus 1 large format slot

Cabinet size (H * W * D)

HiPath 3250 290mm*365mm* 65mm

HiPath 3350 450mm*460mm*130mm

HiPath 3550 450mm*460mm*200mm

Cabinet weight

HiPath 3250 1.0Kg

HiPath 3350 6.0Kg

HiPath 3550 8.0Kg

Main Distribution Frames (MDF)

Integrated. Uses screw connectors

NB On HiPath 3550 an external box connection will be required if the large format card is used.

Processor Board Details

System memory

16Mbit Memory Module

Motorola Coldfire

System CPU

Maintenance modems

Integrated digital (ISDN) modem

Optional V32 bis 14.4Kbits analogue modem (N/A HiPath 3250)

V 24 Ports

HiPath 3250 1 (9 way D)

HiPath 3350/3550 2 (9 way D plus optional 24 way D)

Operating Environment

Temperature

+5 to +40 degrees C

Relative humidity

5 to 80%

Absolute humidity

2 to 25 g H2O/m3

Heat emission

HiPath 3250 37KJ/h

HiPath 3350 180KJ/h

HiPath 3550 360KJ/h

NB Control units use conventional convection cooling.



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Power Requirements

Rated input voltage	100/240V AC
Rated frequency	50/60 Hz
Power consumption	HiPath 3250 25 Watts maximum
	HiPath 3350 90 Watts maximum
	HiPath 3550 180 Watts maximum

A clean dedicated mains supply is required terminating on a 13 amp socket (in accordance with IEEE regulations). Mains plugs should be fitted with a 3 Amp fuse.

UPS Battery Specifications

Battery Capacity	HiPath 3250 N/A
	HiPath 3350 48V - 1.2 Ah
	HiPath 3550 48V - 1.2 Ah
Battery back up times	HiPath 3350 30 minutes (average config)
	HiPath 3550 15 minutes (average config)

Telecommunications Earth

A Telecommunications earth is not required.

Cable Specifications and Distances for TDM devices

Standard 0.5mm twisted pair cable.

Single pair required by both analogue and digital (optiPoint 500) telephones.

Maximum distance optiPoint 500 - 500 metres (extended to 1000 metres with plug in PSU).

Maximum distance optiPoint Master to optiPoint / analogue slave - 100 metres.

Maximum distance analogue device - 1000 metres.

Maximum distance S0 Bus - up to 150 metres, point to multipoint. 600 metres point to point.

Maximum distance DECT base station - 1000 metres



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Trunk Specifications

HiPath 3250

Digital

BRI (ISDN 2e)

Analogue

Not available

HiPath 3350

Digital

BRI (ISDN 2e)

Analogue

Loop Calling Unguarded Clear

Loop Disconnect or DTMF signalling

HiPath 3550

Digital

BRI (ISDN 2e). PRI (ISDN 30e)

Analogue

Loop Calling Unguarded Clear

Loop Disconnect or DTMF signalling

Extension Specifications

Digital

2B + D using Siemens UPOE protocol

Analogue

DTMF / Loop Disconnect. Timed Break Recall (TBR)

Tie Line Specifications

Digital

(N/A 3250)

Siemens CorNet N and QSIG

Analogue

Not available

CE Compliance

Electromagnetic Compatibility

EN 50082-1

DECT

ETS 300, 329. TBR 06

Safety

International

IEC 60950 + A1 + A2 + A3 + A4