Data Sheet

We make sure



ESPRIMO E35xx Your flexible economy PC

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The ESPRIMO E35xx is the gateway to professional computing. The Small Form factor PC extends the Fujitsu Siemens Computers' Value Line product portfolio with an additional form factor.

The basic professional PC is the ultimate balance of valuable performance at very attractive prices. The ESPRIMO E35xx is aimed towards the large enterprises that are looking for a price-conscious professional PC with longer lifecycle.

- Reliable iG31 chipset with Intel Core2 Duo support
- Excellent resolution with on board graphics
- High quality and function stability
- Convenient front access to USB and audio





Manibodrat		E3510
Mainboard Number D2750 Mainboard Form factor Processor socket Processor socket S00110581757 Processor socket S001105817533 MHz BIOS variation Phoenix Vars 6.0 Flash EPROM BIOS update by software Recoverly BIOS X X Recoverly BIOS X Intel® Core*** 2 Quad Gloxx Up to G8450 (04408) Second elevel cathe S133,5MHz Intel® Core*** 2 Dua BEXX Up to E800 Intel® Core*** 2 Dua BEXX Up to E800 Intel® Core*** 2 Dua BEXX S200 Recoverly BIOS S33,5MHz Intel® Core*** 2 Dua BEXX S43,5MHz Intel® Core*** 2 Dua BEXX S		
Mainboard form factor		
Processor socket LGA 775		
BIOS version		
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Memory support		
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Interfaces		4GB
Mouse/keyboard (PS2)		
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Parallel (25pin with EPP and ECP)		X .
DVI Micro (mono) rear		optional
Micro (mono) rear		
Line in (stereo) rear		
Line out (stereo) rear		
Headphone in front		
LAN RJ45		
Universal Serial Bus (USB 2.0) in total therefore		
USB front USB internal 2		
USB internal 2		
Interfaces add on cards	USB front	
Dual port RS232 , serial optional eSATA cable - -		L
Parallel cable (25pin with EPP and ECP) Multicardreader Input device/components USB wheel mouse Optical USB wheel mouse Optical USB wheel mouse Optical USB wheel mouse LAN on board 10/100/1000 MBit/s Wake up on LAN (WOL) X BootP LAN add on cards Gigabit Ethernet, SysKonnect Audio on board Internal speaker supports audio playback High definition audio Worthold audio Serial ATA Serial ATA Serial ATA Serial ATA Serial ATA Serial ATA Serial ATS internal 3,5" external 3,5" external 3,5" external 5,25" Floppy disk drive 1.44 MB standard		optional
Multicardreader		· .
Input device/components		
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LAN on board		
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external 5,25" 1 Floppy disk drive 1.44 MB standard optional		
	external 5,25"	
Hard disk drives	Floppy disk drive 1.44 MB standard	optional
Serial ATA II 80 / 160 / 250 / 500 GB x/x/x/x supporting NCQ and 3GBit (if chipset support is available)		X/X/X/X
Optical drives (SATA)		
16/48-speed DVD ROM optional	16/48-speed DVD ROM	
DVD SuperMulti writer double layer support optional	DVD SuperMulti writer double layer support	optional

PCI Express x16	Slots	
Intel® GMA3100	PCI	
Intel® CMA3100 Inte	•	1 (190mm) low profile
Sharder memory depending on driver Sharder memory depending on driver Direct X9		Intel® GMA3100
Special Content Special Co		
1024 x 788 (recommended / max')		
1280 x 1024 (recommended / max*)		85 / 120 Hz
1600 x 1200 (recommended / max*)		
1880 x 1050 widescreen TFT (VGA / DVI)	1600 x 1200 (recommended / max*)	
1920 x 1200 widescreen TFT (VGA / DV) x / x x refresh rates reflect the max, graphics capabilities. Video quality can be deteriorated when using maximum settings. For IFT live recommend to use 60Hz. For IFT liv		
* refresh rates reflect the max. graphics capabilities. Video quality can be deteriorated when using maximum settings. For TFT we recommend to use 60Hz. Graphic add no cards NVIDIA GeForce 8400 255 MB, LP (DirectX 9) NVIDIA GeForce 87 X7300LE 256MB, LP (DirectX 9) NVIDIA GeForce PX X7300LE 256MB, LP (DirectX 9) NVIDIA GeForce PX X7300LE 256MB, LP (DirectX 9) NVIDIA GeForce PX X7300LE 256MB, LP (DirectX 10) NVIDIA GeForce PX X7300LE 256MB, LP (DirectX 10) NVIDIA Guadro NX 290 256MB, LP (DirectX 10) NVIDIA Guadro NX 290 256MB, LP (DirectX 10) NVIDIA Guadro NX 290 256MB (DirectX 9) Place Table		
deteriorated when using maximum settings. For TFT we recommend to use 80Hz. Graphic add on cards. NVIDIA GeForce 2400 256 MB, LP (DirectX 10) NVIDIA GeForce 74 7300LE 128MB, LP (DirectX 9) NVIDIA Quadro NVS 290 256MB, LP (DirectX 9) NVIDIA Quadro NVS 290 256MB, LP (DirectX 9) NVIDIA Quadro NVS 290 256MB	, ,	^/ ^
NVIDIA GeForce 9400 256 MB, I.P (DirectX 10)	deteriorated when using maximum settings. For TFT we recommend to use 60Hz.	
NVIDIA GeForce FX 7300LE 128MB, LP (DirectX 9)		ontional
NVIDIA Quadro NVS 290 256MB, LP (DirectX10) NVIDIA GeForce FX 7300LE 128MB (DirectX 9) NVIDIA GeForce FX 7300LE 128MB (DirectX 9) NVIDIA Quadro NVS 290 256MB (DirectX 9) NVIDIA Quadro NVS 290 256MB (DirectX 9) NVIDIA Quadro NVS 290 256MB (DirectX 10) DVI adapter incl. Dual Monitoring (DVI/VGA) Quadro Dual-DVI adapter incl. Dual Monitoring (DVI/VGA) Quadro Dual-DVI adapter incl. Dual Monitoring (DVI/VGA) Dual-DVI adapter incl. Dual Monitoring (DVI/VGA) Quadro Directoria		·
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NVIDIA Cepforce FX 7300LE 256MB (DirectX 9) -		optional
NVIDIA Quadro NVS 290 256MB (DirectX10)		•
DVI adapter incl. Dual Monitoring (DVI/VGA)		•
Electrical values		optional
Rated voltage range, AC 100 - 127 / 200 - 240 V Rated frequency range 50-66 Hz Coperating voltage range, AC 90 - 137 / 180 - 264 V Coperating line frequency range 47 - 63 Hz Ary		optional
Rated frequency range		100 107 / 200 240 //
Operating voltage range, AC operating line frequency range 47 - 63 Hz and Ax. Output of power supply Max. output of power supply 275 W PFC (power factor correction) passive Monitor outlet no Power consumption for standard configuration (W) / CPU (1GB memory, HD, ODD, FDD, Operating system) Celeron 440 BESD0 (1GB memory, HD, ODD, FDD, Operating system) G44W Maximum (S0, running app. CD in use) 739W Maximum (S0, running OS, Idle mode) 48W Stand by (S3, energy saving modus, WOL enabled) 2 W Minimum (ACPI status S5, solt off, WOL enabled) 1 W Heat dissipation (kJh / BTUh) / CPU E8500 Maximum (S0, running pD, CD in use) 319kJ/h / 301BTU/h Maximum (S0, running pD, Idle mode) 2 W Minimum (ACPI status S5, solt off, WOL enabled) 1 W Heat dissipation (kJh / BTUh) / CPU E8500 Maximum (S0, running pD, CD in use) 319kJ/h / 301BTU/h Average (S0, running OS, Idle mode) 1 W Stand by (S3, energy saving modus, WOL enabled) 7,2kJ/h (6,8BTU/h Minimum (ACPI status S5, solt off, WOL enabled) 3,8kJ/h / 3,4BTU/h W= 3,6kJ/h ,		
Operating line frequency range 47 - 63 Hz Max. output of power supply 275 W PFC (power factor correction) passive Monitor outlet Celeron 440 Power consumption for standard configuration (W) / CPU E8500 (1GB memory, HD, ODD, FDD, Operating system) 64W (1GB memory, HD, ODD, FDD, Operating system) 64W Maximum (S0, running app. CD in use) 79W Average (S0, running OS, Idle mode) 44W Stand by (S3, energy saving modus, WOL enabled) 2 W Minimum (ACPI status S5, soft off, WOL enabled) 1 W Heat dissipation (kM)/ BTUM) / CPU E8500 Maximum (S0, running app. CD in use) 319kJ/h / 301BTU/h Maximum (S0, running app. CD in use) 319kJ/h / 301BTU/h Maximum (S0, running app. CD in use) 319kJ/h / 301BTU/h Maximum (S0, running app. CD in use) 319kJ/h / 301BTU/h Maximum (S0, running app. CD in use) 319kJ/h / 301BTU/h Maximum (S0, running app. CD in use) 319kJ/h / 301BTU/h Maximum (S0, running app. CD in use) 319kJ/h / 301BTU/h Mainimum (ACPI status S5, soft off, WOL enabled) 72kJ/h / 6,8BTU/h		
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Idle mode (Blue angel requirement) Ambient temperature (IEC 721) Dimensions (H x W x D) Operating position (vertical/horizontal) Weight (depending on config) Approvals and standards CE certification according to EU Directives 89/336/EEC (EMC) and 06/95/EC (Product safety) Ergonomics ISO9241 (GS mark)	Operation mode 4: High load	
Ambient temperature (IEC 721) Dimensions (H x W x D) Operating position (vertical/horizontal) Weight (depending on config) Approvals and standards CE certification		
Dimensions (H x W x D) Operating position (vertical/horizontal) Weight (depending on config) Approvals and standards CE certification according to EU Directives 89/336/EEC (EMC) and 06/95/EC (Product safety) Ergonomics ISO9241 (GS mark)		
Operating position (vertical/horizontal) Weight (depending on config) Approvals and standards CE certification		
Weight (depending on config) Approvals and standards CE certification according to EU Directives 89/336/EEC (EMC) and 06/95/EC (Product safety) Ergonomics ISO9241 (GS mark)		
CE certification x according to EU Directives 89/336/EEC (EMC) and 06/95/EC (Product safety) Ergonomics ISO9241 (GS mark)	Weight (depending on config)	
according to EU Directives 89/336/EEC (EMC) and 06/95/EC (Product safety) Ergonomics ISO9241 (GS mark)		
Ergonomics - ISO9241 (GS mark)		X
ISO9241 (GS mark)		-
, ,		
Product safety x	Product safety	Х
IEC60950, EN60950,	·	,
Electromagn. compatibility x EN55022/B, EN55024, EN61000-3-2/3		X
Environmental compatibility		
RoHS (Restriction of hazardous substances) x	RoHS (Restriction of hazardous substances)	
WEEE (Waste electrical and electronical equipment) x		X
Energy Star Blue Angel		-
Nordic Swan -		-
Software (compatibility / preinstalled)	Software (compatibility / preinstalled)	
Microsoft Windows 2000 -/-		
Microsoft Windows XP Home x / - Microsoft Windows XP Professional x / opt (TwinLoad)		
Microsoft Windows XP Professional x / opt (TwinLoad) Microsoft Windows XP Professional x64 Edition - / -		
Microsoft Windows Vista® 32bit x / optional		,

	,
Microsoft Windows Vista® 64bit	-/-
Microsoft Windows Vista® Basic Logo	
(min. 512MB RAM necessary) Microsoft Windows Vista® Premium Logo	X
(min. 1GB RAM and Dual Channel memory necessary)	, ,
Linux certified	X
Additional Software	-
Recovery DVD (Microsoft Windows XP / Vista)	optional
Drivers and Utility DVD (DUDVD) (Microsoft Windows XP / Vista)	x / optional
Others	x / optional
Spare part availability	5 years
Compatibility (references)	o years
Microsoft Operating Systems (HCT / HCL entry)	X
PC 2001, DMI 2.0, WMI 1.5, USB 2.0	X
Manageability	^
DeskView 10.x client management including:	
On/Offline remote client management	
Detailed system inventory management and reports	
BIOS Management	
Remote power management	
System notifications	
Advanced alerts (ASF implementation)	-
Security Remote Control	
DeskView Helpdesk Integration	
DeskUpdate Driver management	
DeskView Migrate	optional
DeskView Control	optional
PXE 2.1 Boot code	X
BootP Boot Code including Bootmanage Administrator Software	-
Wake up from S5 (off mode)	Х
Intrusion switch	-
Security	
Physical Security implemented in the cabinet	
Prepared for Kensington lock, eye for padlock	X
Integrated cabinet lock	-
System Security	
Boot sector virus protection	X
Write protect option for the Flash EPROM	-
Embedded security (TPM1.2)	-
Boot protection for floppy disk/CD drive and write protection for floppy disk	
drive	_
	-
Control of external interfaces	x
User Security	x
User Security User and supervisor BIOS password	x x
User Security User and supervisor BIOS password SystemLock BIOS SmartCard Security	
User Security User and supervisor BIOS password SystemLock BIOS SmartCard Security SystemLock 2 BIOS SmartCard Security	
User Security User and supervisor BIOS password SystemLock BIOS SmartCard Security SystemLock 2 BIOS SmartCard Security Hard disk password	x - - -
User Security User and supervisor BIOS password SystemLock BIOS SmartCard Security SystemLock 2 BIOS SmartCard Security Hard disk password Access protection via external SmartCard reader	
User Security User and supervisor BIOS password SystemLock BIOS SmartCard Security SystemLock 2 BIOS SmartCard Security Hard disk password Access protection via external SmartCard reader Access protection via internal SmartCard reader	x - - -
User Security User and supervisor BIOS password SystemLock BIOS SmartCard Security SystemLock 2 BIOS SmartCard Security Hard disk password Access protection via external SmartCard reader Access protection via internal SmartCard reader Fujitsu Siemens Computers MEMORYBIRD BIOS lock	x - - -
User Security User and supervisor BIOS password SystemLock BIOS SmartCard Security SystemLock 2 BIOS SmartCard Security Hard disk password Access protection via external SmartCard reader Access protection via internal SmartCard reader Fujitsu Siemens Computers MEMORYBIRD BIOS lock Serviceability	x - - -
User Security User and supervisor BIOS password SystemLock BIOS SmartCard Security SystemLock 2 BIOS SmartCard Security Hard disk password Access protection via external SmartCard reader Access protection via internal SmartCard reader Fujitsu Siemens Computers MEMORYBIRD BIOS lock Serviceability FlexySlot	x - - - optional - -
User Security User and supervisor BIOS password SystemLock BIOS SmartCard Security SystemLock 2 BIOS SmartCard Security Hard disk password Access protection via external SmartCard reader Access protection via internal SmartCard reader Fujitsu Siemens Computers MEMORYBIRD BIOS lock Serviceability FlexySlot EasyFix	X - - -
User Security User and supervisor BIOS password SystemLock BIOS SmartCard Security SystemLock 2 BIOS SmartCard Security Hard disk password Access protection via external SmartCard reader Access protection via internal SmartCard reader Fujitsu Siemens Computers MEMORYBIRD BIOS lock Serviceability FlexySlot EasyFix EasyChange (for HDD / for optical drives)	x - - - optional - - -
User Security User and supervisor BIOS password SystemLock BIOS SmartCard Security SystemLock 2 BIOS SmartCard Security Hard disk password Access protection via external SmartCard reader Access protection via internal SmartCard reader Fujitsu Siemens Computers MEMORYBIRD BIOS lock Serviceability FlexySlot EasyFix EasyChange (for HDD / for optical drives) EasyPull	x - - - optional - -
User Security User and supervisor BIOS password SystemLock BIOS SmartCard Security SystemLock 2 BIOS SmartCard Security Hard disk password Access protection via external SmartCard reader Access protection via internal SmartCard reader Fujitsu Siemens Computers MEMORYBIRD BIOS lock Serviceability FlexySlot EasyFix EasyChange (for HDD / for optical drives) EasyPull Packaging information	x optional
User Security User and supervisor BIOS password SystemLock BIOS SmartCard Security SystemLock 2 BIOS SmartCard Security Hard disk password Access protection via external SmartCard reader Access protection via internal SmartCard reader Fujitsu Siemens Computers MEMORYBIRD BIOS lock Serviceability FlexySlot EasyFix EasyChange (for HDD / for optical drives) EasyPull Packaging information Dimension outside (H x W x D) in mm	x optional
User Security User and supervisor BIOS password SystemLock BIOS SmartCard Security SystemLock 2 BIOS SmartCard Security Hard disk password Access protection via external SmartCard reader Access protection via internal SmartCard reader Fujitsu Siemens Computers MEMORYBIRD BIOS lock Serviceability FlexySlot EasyFix EasyChange (for HDD / for optical drives) EasyPull Packaging information Dimension outside (H x W x D) in mm Max. quantity/ pallet	x optional
User Security User and supervisor BIOS password SystemLock BIOS SmartCard Security SystemLock 2 BIOS SmartCard Security Hard disk password Access protection via external SmartCard reader Access protection via internal SmartCard reader Fujitsu Siemens Computers MEMORYBIRD BIOS lock Serviceability FlexySlot EasyFix EasyChange (for HDD / for optical drives) EasyPull Packaging information Dimension outside (H x W x D) in mm Max. quantity/ pallet Material/ weight in g	x optional 500x290x540 24
User Security User and supervisor BIOS password SystemLock BIOS SmartCard Security SystemLock 2 BIOS SmartCard Security Hard disk password Access protection via external SmartCard reader Access protection via internal SmartCard reader Fujitsu Siemens Computers MEMORYBIRD BIOS lock Serviceability FlexySlot EasyFix EasyChange (for HDD / for optical drives) EasyPull Packaging information Dimension outside (H x W x D) in mm Max. quantity/ pallet Material/ weight in g Carton	x optional
User Security User and supervisor BIOS password SystemLock BIOS SmartCard Security SystemLock 2 BIOS SmartCard Security Hard disk password Access protection via external SmartCard reader Access protection via internal SmartCard reader Fujitsu Siemens Computers MEMORYBIRD BIOS lock Serviceability FlexySlot EasyFix EasyChange (for HDD / for optical drives) EasyPull Packaging information Dimension outside (H x W x D) in mm Max. quantity/ pallet Material/ weight in g Carton EPS / PS	x optional 500x290x540 24 1270g 214g
User Security User and supervisor BIOS password SystemLock BIOS SmartCard Security SystemLock 2 BIOS SmartCard Security Hard disk password Access protection via external SmartCard reader Access protection via internal SmartCard reader Fujitsu Siemens Computers MEMORYBIRD BIOS lock Serviceability FlexySlot EasyFix EasyChange (for HDD / for optical drives) EasyPull Packaging information Dimension outside (H x W x D) in mm Max. quantity/ pallet Material/ weight in g Carton EPS / PS PE	x optional 500x290x540 24 1270g
User Security User and supervisor BIOS password SystemLock BIOS SmartCard Security SystemLock 2 BIOS SmartCard Security Hard disk password Access protection via external SmartCard reader Access protection via internal SmartCard reader Fujitsu Siemens Computers MEMORYBIRD BIOS lock Serviceability FlexySlot EasyFix EasyChange (for HDD / for optical drives) EasyPull Packaging information Dimension outside (H x W x D) in mm Max. quantity/ pallet Material/ weight in g Carton EPS / PS	x optional

Recycling information/ End of life service information

product is designed for easy recyclability information about take back and recycling you can find here

information about environmental initiatives, policies, programs and goals can be found here

http://www.fujitsu-siemens.com/aboutus Product material information

For all restricted substances see the Environmental guideline FSC03230

The data reflects laboratory performance only. The customer configuration may perform differently, depending on the software, components and peripherals connected.

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