# FUJITSU

# Data Sheet FUJITSU Display E19-7 LED

#### Advanced display 48.3 cm (19-inch) Best energy saving solutions for office applications

The FUJITSU Display E19-7 LED combines comfortable ergonomics with best-in-class energy saving technology like ECO operation mode.

Environmentally friendly LED technology with unique, high efficient energy saving solutions like ECO operation mode and ECO standby

Convenient and fatigue-proof-usage due to visual ergonomics for the office ensured by In-Plane Switching (IPS) technology

Flexible connectivity with DVI and Analog

Representative design providing a slender housing in ergonomic matt black, integrated speakers and power supply

Support for FUJITSU Desktop ESPRIMO Q and FUJITSU Thin Client FUTRO backpack solutions















## Technical details

Special features

In-Plane Switching (IPS) technology. LED backlight panel. Eco button for Eco mode and 3-coloured Eco status LED

StandremovableTilt angle0:5' + 20''Pheture performancePhanel and backlitIPS/EDSceen Surface TreatmentAnti-glare, 3H haid coatingContrast - typical1000:1Contrast - typical8 msResponse time gray tog ray typical8 msResponse time gray tog ray typical8 msColor performance16.7 million colors (Hi-FRC)Brightness - typical5/2 od rm2Stear et solution5/4Stear et solution5/4Stear et solution1.280 x 1,024 pxelResolution (native)1.280 x 1,024 pxelResolution (native)1.280 x 1,024 pxelResolution (native)1.280 x 1,024 pxelPicture size375 x 300 mmPicture size375 x 300 mmPicture size0.5 for FdzFrequencies1.65 MhzFrequencies1.65 MhzVertial0.5 for FdzFrequencies - bandwidth1.55 Mr 2014Victure size3.5 ms stereo phone jack for head phoneAudio signal output2.5 ms stereo phone jack for head phoneAudio signal output3.5 ms stereo phone jack for head phoneAudio signal output3.5 ms stereo phone jack for head phoneAudio signal output3.5 ms stereo phone jack for head phoneAudio signal output3.5 ms stereo phone jack for head phoneAudio signal output3.5 ms stereo phone jack for head phoneAudio signal output3.5 ms stereo phone jack for head phoneAudio signal output6.5 (Aba		In-Plane Switching (IPS) technology, LED backlight panel, Eco button for Eco mode and 3-coloured Eco status LED
Tili angle         57 / + 20°           Picture preformance         Picture preformance           Panel and backit         IPSLED           Steen Surface Treatment         Anti-glare, 3H hard coating           Contrast - registrea (Testment)         1000:1           Response time gray to gray typical         8 ms           Viewing angle (I/V) - typical         1787/1767 (10:1           Color performance         16.7 million colors (Hi-FRC)           Brightness - typical         250 cd/m2           Size and resolution         1787/1767 (10:1)           Ageet ratio         54           Diagonal Size         48.3 rm (19) inch)           Resolution (naterpolated)         1,780 x 1,024 x 768 pixel, 800 x 600 pixel, 720 x 400 pixel, 640 x 480 pixel           Preventers         255 x 30 mm           Preventers         255 x 35 mm           Preventers         25 mm           Dri         3 x 37 bi 32 mm	Ergonomic stand	
Picture performance           Panel and backlit         IPSALED           Scenen Surface Treatment         Anti-glore, 3H haid coating           Contrast - vypical         1000:1           Contrast - vypical         8 ms           Response time gray to gray typical         8 ms           Response time gray to gray typical         8 ms           Otop performance         16.7 millito cools (HFRRC)           Brighness - typical         250 cdm2           Size and resolution         Agent ratio           Size and resolution         5.4           Diagonal Size         48.3 m (19-inch)           Resolution (native)         1,280 x 1.024 pixel           Picture size         375 x 300 mm           Picture size         375 x 300 mm           Picture size         375 x 300 mm           Resolution (native)         1,280 x 1.024 pixel           Vertial         36 - 56 1/2           Resolution (native)         30 - 80 kit/2           Vertial         30 - 30 kit/2 <t< th=""><th>Stand</th><th>removable</th></t<>	Stand	removable
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Contrast - typical         1000:1           Contrast - advanced         2,000,000:1           Response time grav to grav typical         1787/178° CR10:1           Color performance         16.7 million colors (H+FRC)           Brightness - typical         250 cd/m2           Stre and resolution         Stre and resolution           Appect ratio         5.4           Diagonal Size         48.3 cm. (19-inch)           Resolution (interpolated)         1,280 x 1.02.4 proxel           Resolution (interpolated)         1,280 x 1.02.4 proxel           Piceu Size         375 x 300 mm           Size Size Size Size Size Size Size Size	Panel and backlit	IPS/LED
Contast - advanced         2,000,000:1           Response time gray to gray	Screen Surface Treatment	Anti-glare, 3H hard coating
Response time gray to gray typical         8 ms           Viewing angle (Mv) - typical         178/178° (R10:1           Color performance         16.7 million colors (Hi-FRC)           Brighness - typical         250 cd/m2           Size and tesolution         Sixe           Apped ratio         5.4           Diagonal Size         49.3 cm (19-inch)           Resolution (native)         1,280 x 70.0 pixel, 10.24 x 768 pixel, 800 x 600 pixel, 720 x 400 pixel, 640 x 480 pixel           Resolution (native)         1,280 x 720 pixel, 10.24 x 768 pixel, 800 x 600 pixel, 720 x 400 pixel, 640 x 480 pixel           Picture size         375 x 300 mm           Picture size         375 x 300 mm           Picte Picth         0.293 mm           Frequencies	Contrast - typical	1000:1
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Color performance16.7 million colors (HI-FRC)Brighness -typical250 cd/m2Sze and resolutionAspect ratio5.4Diagonal Size48.3 cm (19-inch)Resolution (native)1.280 x 1.024 pixelResolution (native)1.280 x 720 pixel, 1.024 x 768 pixel, 800 x 600 pixel, 720 x 400 pixel, 640 x 480 pixelPixel Pitch0.293 mmPixel Pitch0.293 mmPixel Pitch0.293 mmFequenciesHorizontal30 - 82 kHzVertical56 - 76 HzFequencies - bandwidth165 MHzConnectivityDVI1 x DVI-0 (HOCP)VCMO-SUB3.5 mm stereo phone jack for head phoneAudio signal output3.5 mm stereo phone jackAudio signal output3.5 mm stereo phone jackAudio signal output3.5 mm stereo phone jackSpanish, Swedish, Turkish, Japanese, Chinese simply, Chinese traditionalBrightness / ContrastBrightness, Contrast, Black level, Auto levelColorsRGB, 6500K, 7300K, 8300K, Native, Custom Color (R, G, B)Brightness / OutrastModel name, Serial number, Resolution/mode, Signal inputSharey La pure secial number, Resolution/mode, Signal inputSoft switch off0.26 WPower save mode0.26 WOperating awitmu brighterss1.74 WPower save mode0.26 WOperating awitmu brighterss1.74 WPower sotep1.72 WPower sotep1.72 WPower sotep1.74 WPower sotep1	Response time gray to gray typical	8 ms
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Size and resolution         5:4           Aspect ratio         5:4           Diagonal Size         8:3 cm (19-inch)           Resolution (native)         1.,280 x 1,024 pixel           Resolution (native)         1.,280 x 720 pixel, 1.024 x 768 pixel, 800 x 600 pixel, 720 x 400 pixel, 640 x 480 pixel           Picture size         375 x 300 mm           Pikel Pitch         0.233 mm           Frequencies         -           Vertical         30 - 82 kHz           Vertical         56 - 76 Hz           Frequencies - bandwidth         165 Mhz           Connectivity         -           Vertical         56.7 6 Hz           Standia signal output         3.5 mm stereo phone jack for head phone           Audio signal output         3.5 mm stereo phone jack for head phone           Audio signal notput         2.1.5 W           Ease-of-use menu         -           Languages         Arabic, Ceech, Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Turkish, Japanese, Chinese simply, Chinese traditional           Brightness / Contrast         Brightness, Contrast, Black level, Auto level           Color         s060, 5500X, 7500X, 9300X, Native, Gusor Claror (R,G,B)           Image adjust         Occk, Phase, HPosition, Veosition	Color performance	16.7 million colors (Hi-FRC)
Aspect ratio         5.4           Diagonal Size         48.3 cm (19-inch)           Resolution (interpolated)         1,280 x 1,024 x 768 pixel, 800 x 600 pixel, 720 x 400 pixel, 640 x 480 pixel           Picture size         375 x 300 mm           Picture size         375 m size co phone picture size size size size size size size siz	Brightness - typical	250 cd/m2
Diagonal Size         48.3 cm (19-inch)           Resolution (native)         1.280 x 1.024 pixel           Resolution (interpolated)         1.280 x 720 pixel, 1.024 x 768 pixel, 800 x 600 pixel, 720 x 400 pixel, 640 x 480 pixel           Piture size         375 x 300 mm           Pixel Pitch         0.293 mm           Frequencies	Size and resolution	
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Frequencies         Horizontal       30 - 82 kHz         Vertical       56 - 76 Hz         Frequencies - bandwidth       165 Mhz         Connectivity       0         DVI       1 x DVI-D (HDCP)         VGAD-SUB       1 x D-SUB         Audio signal output       3.5 mm stereo phone jack for head phone         Audio signal input       3.5 mm stereo phone jack         Audio sound output       2 x 1.5 W         Ease-of-use menu       2 x 1.5 W         Languages       Arabic, Czech, Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Turkish, Japanese, Chinese simply, Chinese traditional         Brightness / Contrast       Brightness, Contrast, Black level, Auto level         Color       sRCB, 6500K, 7500K, 9300K, Native, Custom Color (R,C,B)         Image adjust       Clock, Phase, H-Position, V-Position         Audio       Mute, Volume         Information       Model name, Serial number, Resolution/mode, Signal Input         Setup       Input select, Language, DDC/Cl, OSD-Timeout, Factory preset         Power consumption (typical)       Sof Witch off         Operating with EPA settings       1.6.6 W         Operating with EPA settings       1.6.6 W         Operating maximum brightness       17 W	Picture size	375 x 300 mm
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Vertical         56 - 76 Hz           Frequencies - bandwidth         165 Mhz           Connectivity            DVI         1 x DV-D (HDCP)           VGAD-SUB         1 x D-SUB           Audio signal output         3.5 mm stereo phone jack for head phone           Audio signal input         3.5 mm stereo phone jack           Audio signal output         2 x 1.5 W           Ease-of-use menu         2 x 1.5 W           Languages         Arabic, Czech, Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Turkish, Japanese, Chinese simply, Chinese traditional           Brightness / Contrast         Brightness, Contrast, Black level, Auto level           Color         sRGB, 6500K, 7500K, 9300K, Native, Custom Color (R,G,B)           Image adjust         Clock, Phase, H-Position, V-Position           Audio         Muet, Volume           Information         Model name, Serial number, Resolution/mode, Signal input           Setup         Input select, Language, DDC/Cl, OSD-Timeout, Factory preset           Power consumption (typical)         26 W           Operating maximum brightness         17 W           Power save mode         0.26 W           Operating maximum brightness         17 W           Power sout         Spaekers off <th>Frequencies</th> <th></th>	Frequencies	
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DVI     1 x DVI-D (HDCP)       VGA/D-SUB     1 x D-SUB       Audio signal output     3.5 mm stereo phone jack for head phone       Audio signal input     3.5 mm stereo phone jack       Audio sound output     2 x 1.5 W       Ease-of-use menu     Image age       Languages     Arabic, Czech, Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Turkish, Japanese, Chinese simply, Chinese traditional       Brightness / Contrast     Brightness, Contrast, Black level, Auto level       Color     sRGB, 6500K, 7500K, 9300K, Native, Custom Color (R,G,B)       Image adjust     Clock, Phase, H-Position, V-Position       Audio     Mute, Volume       Information     Model name, Serial number, Resolution/mode, Signal input       Setup     Input select, Language, DDC/CI, OSD-Timeout, Factory preset       Power consumption (typical)     0.26 W       Operating with EPA settings     14.6 W       Operating with EPA settings     14.6 W       Operating maximum brightness     17 W       Power sove soft     Speakers off       Electrical values     Speakers off       Electrical values     100 V - 240 V	Frequencies - bandwidth	165 Mhz
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Ease-of-use menu         Languages       Arabic, Czech, Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Turkish, Japanese, Chinese simply, Chinese traditional         Brightness / Contrast       Brightness, Contrast, Black level, Auto level         Color       sRGB, 6500K, 7500K, 9300K, Native, Custom Color (R,G,B)         Image adjust       Clock, Phase, H-Position, V-Position         Audio       Mute, Volume         Information       Model name, Serial number, Resolution/mode, Signal input         Setup       Input select, Language, DDC/CI, OSD-Timeout, Factory preset         Power consumption (typical)       0.26 W         Soft switch off       0.26 W         Operating maximum brightness       17 W         Power supply       integrated         Power notes       Speakers off         Electrical values       Xaed voltage range         Rated voltage range       100 V - 240 V	Audio signal input	3.5 mm stereo phone jack
LanguagesArabic, Czech, Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Turkish, Japanese, Chinese simply, Chinese traditionalBrightness / ContrastBrightness, Contrast, Black level, Auto levelColorsRGB, 6500K, 7500K, 9300K, Native, Custom Color (R,G,B)Image adjustClock, Phase, H-Position, V-PositionAudioMute, VolumeInformationModel name, Serial number, Resolution/mode, Signal inputSetupInput select, Language, DDC/CI, OSD-Timeout, Factory presetPower consumption (typical)Soft switch off0.26 WOperating with EPA settings14.6 WOperating maximum brightness17 WPower notesSpeakers offElectrical valuesSpeakers offElectrical values100 V - 240 V	Audio sound output	2 x 1.5 W
Spanish, Swedish, Turkish, Japanese, Chinese simply, Chinese traditionalBrightness / ContrastBrightness, Contrast, Black level, Auto levelColorsRGB, 6500K, 7500K, 9300K, Native, Custom Color (R,G,B)Image adjustClock, Phase, H-Position, V-PositionAudioMute, VolumeInformationModel name, Serial number, Resolution/mode, Signal inputSetupInput select, Language, DDC/CI, OSD-Timeout, Factory presetPower consumption (typical)Soft switch off0.26 WPower save mode0.26 WOperating maximum brightness17 WPower supplyintegratedPower notesSpeakers offElectrical valuesSpeakers offRated voltage range100 V - 240 V	Ease-of-use menu	
ColorsRGB, 6500K, 7500K, 9300K, Native, Custom Color (R,G,B)Image adjustClock, Phase, H-Position, V-PositionAudioMute, VolumeInformationModel name, Serial number, Resolution/mode, Signal inputSetupInput select, Language, DDC/CI, OSD-Timeout, Factory presetPower consumption (typical)Soft switch off0.26 WPower save mode0.26 WOperating with EPA settings14.6 WOperating maximum brightness17 WPower notesSpeakers offElectrical valuesStated voltage rangeRated voltage range100 V - 240 V	Languages	
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AudioMute, VolumeInformationModel name, Serial number, Resolution/mode, Signal inputSetupInput select, Language, DDC/CI, OSD-Timeout, Factory presetPower consumption (typical)	Color	sRGB, 6500K, 7500K, 9300K, Native, Custom Color (R,G,B)
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SetupInput select, Language, DDC/CI, OSD-Timeout, Factory presetPower consumption (typical)Soft switch off0.26 WPower save mode0.26 WOperating with EPA settings14.6 WOperating maximum brightness17 WPower supplyintegratedPower notesSpeakers offElectrical values100 V - 240 V	Audio	Mute, Volume
Power consumption (typical)       Soft switch off     0.26 W       Power save mode     0.26 W       Operating with EPA settings     14.6 W       Operating maximum brightness     17 W       Power supply     integrated       Power notes     Speakers off       Electrical values     100 V - 240 V	Information	Model name, Serial number, Resolution/mode, Signal input
Soft switch off0.26 WPower save mode0.26 WOperating with EPA settings14.6 WOperating maximum brightness17 WPower supplyintegratedPower notesSpeakers offElectrical values100 V - 240 V	Setup	Input select, Language, DDC/CI, OSD-Timeout, Factory preset
Power save mode0.26 WOperating with EPA settings14.6 WOperating maximum brightness17 WPower supplyintegratedPower notesSpeakers offElectrical values100 V - 240 V		
Operating with EPA settings14.6 WOperating maximum brightness17 WPower supplyintegratedPower notesSpeakers offElectrical values100 V - 240 V		
Operating maximum brightness     17 W       Power supply     integrated       Power notes     Speakers off       Electrical values     100 V - 240 V		
Power supply     integrated       Power notes     Speakers off       Electrical values     IOO V - 240 V		
Power notes     Speakers off       Electrical values     100 V - 240 V		
Electrical values       Rated voltage range     100 V - 240 V		
Rated voltage range100 V - 240 V		Speakers off
		1001/ 2/01/
Kated frequency range     50 Hz - 60 Hz		
	Rated frequency range	50 Hz - 60 Hz

Protection class	1
Compliance	
Europe	Energy Efficiency Class: A, CE certification according to EC Directive 2004/108/EEC, EN 60950, RoHS, WEEE, IT-Eco- Declaration
Model	DY19-7
Germany	TÜV GS
Russia	EAC
USA/Canada	FCC Class B, cUL
Japan	VCCI
South Korea	KC (planned)
Singapore	S-Mark
Taiwan	BSMI (planned)
Saudi Arabia	SASO
Global	TCO Certified Displays 6.0, ENERGY STAR <sup>®</sup> 6.0, EPEAT <sup>®</sup> in progress (dedicated regions), Zero bright and dark pixel faults, Subpixel faults according to ISO9241-307 (Pixel fault class I)
Compliance link	http://globalsp.ts.fujitsu.com/sites/certificates
Quality and Reliability	
MTBF (demonstrated)	70,000 h
Dimensions / Weight / Environmental	
Dimension without stand $(W \times D \times H)$	414 x 64 x 349 mm
	16.3 x 2.52 x 13.74 inch
Dimension with stand (W x D x H)	414 x 209 x 391 mm
	16.3 x 8.23 x 15.4 inch
Weight (packed)	4.9 kg
	10.8 lbs
Weight (unpacked)	3.52 kg
	7.76 lbs
Weight (Monitor only)	3.09 kg
	6.8 lbs
Operating ambient temperature	5 - 35 °C
Miscellaneous	
Miscellaneous	VESA DDC/ CI, Flat Display Mounting Interface VESA MIS-D 100 C, Kensington lock prepared
Color	Black
Package content	biotix
Display delivered accessories	D-SUB Data cable 1.8 m Audio cable 1.8 m Power cable for wall socket (Euro-Schuko-Type CEE7) 1.8 m Quickstart flyer Utility CD Warranty booklet
Display delivered accessories notes	Safety booklet Data cables and audio cable detachable on display
Order information	C2C2C1 //1/02 V/1/C0
Order Code	\$26361-K1482-V160
EAN Code	4053026421102

Order information	
Country specific order code	BDL:K1482V160-UK - with UK power cable, mandatory for Arabian countries BDL:K1482V160-CHN - with China power cable and CEL, mandatory for China BDL:K1482V160-ID - with Import label, mandatory for Indonesia BDL:K1482V160-INT - W/o power cable, mandatory for countries where import with EU cable is not allowed
Accessories information	Further helpful options: Available Privacy Filters: http://globalsp.ts.fujitsu.com/ dmsp/Publications/public/ds-Privacy-Filter.pdf Available Adapters: http://globalsp.ts.fujitsu.com/dmsp/ Publications/public/pos-connectivity.pdf
Warranty	
Warranty period	3 years (depending on country)
Warranty type	Collect & Return Service (depending on country specific requirements)
Warranty Terms & Conditions	http://support.ts.fujitsu.com/warranty
Spare Parts availability	5 years after end of product life
Service Weblink	http://www.fujitsu.com/fts/services/support

### More information

#### Fujitsu OPTIMIZATION Services

In addition to FUJITSU Display E19-7 LED, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

#### Fujitsu Portfolio

Build on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offering. This allows customers to leverage from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

#### **Computing Products**

www.fujitsu.com/global/products/computing/

#### Software

www.fujitsu.com/software/

#### More information

Learn more about FUJITSU Display E19-7 LED, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.

http://www.fujitsu.com/fts/displays

#### Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment.

Using our global know-how, we aim to contribute to the creation of a sustainable environment for future generations through IT. Please find further information at http://www. fujitsu.com/global/about/environment



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