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UK: + 44 (0) 208 993 6606, sales@kmgroups.com

Germany, Europe: +49 (0) 211 5865 890, sales.de@kmgroups.com

France, Japan: +44 (0) 1592 655 111, sales.fr@kmgroups.com

Hong Kong, China, Asia: +852 2690 1982/1072, sales.hk@kmgroups.com


















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Fujitsu Mainboards. Includes Manual, DVD drivers & softwares, 2 x SATA data cables. Warranty: 2 years

Model No:	D2811-A	D2812-A	D2841-A	D2831-S	D2836-S	D2778-A	D2721-A
Type:	Micro BTX Desktop Value Mainboard.	Micro BTX Desktop Premium Mainboard.	Micro ATX Desktop Value Mainboard.	Micro ATX Industrial Premium Mainboard.	ATX Industrial Premium Mainboard.	ATX Industrial board. Extended Lifecycle Series	Micro BTX Desktop Mainboard
Size:	10.5" x 9.95" (266.7 x 264.2mm)	10.5" x 9.95" (266.7 x 264.2mm)	9.6" x 8.38" (244 x 213mm)	9.6" x 9.6" (243.8 x 243.8mm)	12" x 9.6" (304.8 x 243.8mm)	12" x 9.6" (304.8 x 243.8mm)	10.5" x 9.95" (266.7 x 264.2mm)
CPU socket:	LGA775	LGA775	LGA775	LGA775	LGA775	LGA1366	AM2+
Chipset:	Intel Q43 / ICH10D	Intel Q45 / ICH10 DO	Intel G41 / ICH7	Intel Q45 / ICH10 DO	Intel Q45 / ICH10 DO	Intel X58 Express Chipset (Tylersburgh ICH10/R)	nVIDIA GeForce 82 (MCP78PV)
CPU:	Intel Core 2 Duo, Core 2 Quad, Pentium Dual Core, Celeron Dual Core, Celeron.	Intel Core 2 Duo, Core 2 Quad, Pentium Dual Core, Celeron Dual Core, Celeron.	Intel Core 2 Duo, Core 2 Quad, Pentium Dual Core, Celeron Dual Core, Celeron.	Intel Core 2 Duo, Core 2 Quad, Pentium Dual Core, Celeron Dual Core, Celeron.	Intel Core 2 Duo, Core 2 Quad, Pentium Dual Core, Celeron Dual Core, Celeron.	Intel Xeon 3500 & 5500 series, Intel Core i7 .	AMD Phenom (Quad, Triple Core), Athlon 64X2 & 64, Sempron
Memory:	DDR2 667 SDRAM, DDR2 800 SDRAM	DDR2 667 SDRAM, DDR2 800 SDRAM	DDR2 667 SDRAM, DDR2 800 SDRAM	DDR2 667 SDRAM, DDR2 800 SDRAM	DDR2 667 SDRAM, DDR2 800 SDRAM	DDR3 800 SDRAM, DDR3 1066 SDRAM, DDR3 1333 SDRAM	DDR2 667 SDRAM, DDR2 800 SDRAM
Onboard features:	Intel AMT 3.5 technology, Graphics, PCI Express Generation 2, Multichannel Audio, USB 2.0, Intel GBE LAN supporting ASF 2.0 and DASH, Serial ATA II, Trusted Platform Module V1.2.	Intel AMT 5.0 technology, Intel vPro , Graphics, PCI Express Generation 2, Multichannel Audio, USB 2.0, Intel GBE LAN supporting ASF 2.0 and DASH, Serial ATA II RAID, Trusted Platform Module V1.2.	Gbe LAN, Graphics, 5.1 multichannel audio, Serial SATA II, USB 2.0.	Dual GBE LAN, PCI Express Generation 2, State-of-the-art graphics , 5.1 Multichannel Audio, Trusted Platform Module (TPM) V1.2, Serial ATA II RAID, USB 2.0, Improved Thermal Management/System Monitoring Microcontroller.	Dual PCIe x 16 (Gen2), 5.1 multichannel audio, LSI FW322 Fire Wire, USB 2.0, Gbe LAN supporting ASF 2.0, Serial ATA II RAID, Trusted Platform Module V1.2, Intel QuickPath technology.	nVIDIA GeForce 8200 integrated graphics, Audio on board GbE LAN, Serial ATA II RAID, USB 2.0, Trusted Platform Modul V1.2.	
Additional features*:	Silent fan, System Guard, Silent Drives, Recovery BIOS, Desk Update, Multi Boot, HDD Password.	Silent fan LT, System Guard, Silent Drives, Recovery BIOS, Desk Update, Multi Boot, HDD Password.		Silent fan, System Guard, Voltage guard, Silent Drives, Recovery BIOS, Desk Update, Multi Boot, HDD Password. Designed for industrial applications. Extended temperature range , High Efficiency Core Voltage Regulator, long life components for continuous 24/7 operation and a tin-plated PCB provide a best-in-class hardware platform for industrial systems.	Silent fan, System Guard, Recovery BIOS, Desk Update, Multi Boot, HDD Password, 24/7 operation	Silent fan LT, System Guard, Silent drives, Multi Boot, HDD Password, Recovery BIOS, Desk Update.	
Minimum Order:	10Pcs (Bulk pack)	10Pcs (Bulk pack)	No Minimum order	10Pcs (Bulk pack)	10Pcs (Bulk pack)	10Pcs (Bulk pack)	10Pcs (Bulk pack)

*** Unique Fujitsu features.** Make Fujitsu Mainboards more efficient, secure, durable and simple to use.

Silent:			
 <p>SILENT FAN</p>	<p>Silent Fan A micro-controller developed by Fujitsu Siemens Computers regulates and adjusts all fans of the PC independent of the operating system triggered by the processor temperature and the inner conditions of the PC. This results in silent, stable running systems with no failures due to overheating.</p>	 <p>SILENT FAN LT</p>	<p>Silent Fan LT A micro-controller, derived from the one used for silent Fan, regulates and controls the processor fan, independent of the operating system. The micro-controller is triggered by the temperature of the processor. This results in silent systems and prevents overheating of the processor.</p>
 <p>FANLESS</p>	<p>Fan-Less A technology that enables customers to build absolutely noiseless PC systems with very low power requirements. This functionality is based on mobile technology that is typically found in notebooks.</p>	 <p>SYSTEM GUARD</p>	<p>System Guard The freeware System Guard shows all functions of the on-board Silent Fan controller soldered on all Fujitsu mainboards. Temperature, fan speeds and voltages are clearly arranged. System Guard is the tool of your choice to make diverse adjustments for optimization of your individual noise level.</p>
 <p>SILENT DRIVES</p>	<p>Silent Drives Hard disk drives and optical drives (CD-ROM, CD-RW, DVD etc.) which next to the fan, are one of the main sources of noise in a PC can be switched into a more silent mode via BIOS. Together with silent fan on our premium boards, this leads to a really silent PC.</p>		
Simple & Secure:			
 <p>RECOVERY BIOS</p>	<p>Recovery BIOS Recovery BIOS enables the flashing of a new BIOS any time after the BIOS content was disrupted by an incomplete flash activity.</p>	 <p>DESK UPDATE</p>	<p>Desk Update Desk Update allows a simple and automated driver installation. This feature is available on the OEM DU CD and on the Internet.</p>
 <p>MULTI BOOT</p>	<p>Multi Boot The BIOS of the mainboards of Fujitsu Siemens Computers allows you to boot from mass storage devices of any kind. Among those are SATA-IDE hard disk drives as well as optical drives CD-ROM, DVD and also external devices which can be connected via USB.</p>	 <p>HDD PASSWORD</p>	<p>HDD Password Via the BIOS the password function can be activated for up to four hard disk drives in the PC and for every single hard disk drive a password can be assigned (e.g. for up to four different users).</p>
 <p>WATCH DOG</p>	<p>Watch dog This functionality is coupled with the autonomous system controller on boards that are equipped with the Silent Fan function. The integrated microcontroller is fully independent on CPU and software; thus, it can serve as a reliable watchdog to monitor regular "Watchdog Reset" events which have to be performed by operating system tasks or by the SystemGuard utility.</p>	 <p>24/7 OPERATING MODE</p>	<p>24/7 Operating Mode Mainboards specified for 24/7 Operating Mode are designed to work continuously in tough conditions. High quality components and extensive testing guarantee rock-solid function even under tough conditions.</p>
Special Industrial Functions:			
 <p>EXTENDED TEMPERATURE</p>	<p>Extended temperature Mainboards specified for Extended Temperature and 24/7 Operating Mode are designed to work continuously in high temperature environments. High quality components and extensive testing guarantee rock-solid function even under tough conditions.</p>	 <p>VOLTAGE GUARD</p>	<p>Voltage guard Provides unique hardware circuitry that monitors up to 14 internal and external voltages. These voltages include the supply for CPU, north bridge, south bridge, memory subsystem, PCI bus, interfaces etc.</p>
 <p>POWER SELECT</p>	<p>Power Select The Power Select feature offers additional power supply options. This allows an integration of these boards in various applications, in particular in industrial environments.</p>	 <p>HDCP</p>	<p>HDCP (High-bandwidth Digital Content Protection) HDCP is form of digital copy protection developed to prevent copying of digital audio and video content when it's transferred across digital interfaces such as DVI (Digital Visual Interface), HDMI (High-Definition Multimedia Interface) or DisplayPort.</p>