



Product Name: Carte mere Commell LS-571TXD-1G  
Manufacturer: Commell  
Model Number: CMCOLS-571TXD-1G

Intel® Core™ 2 Duo (Merom) processor @ 800MHz FSB

Intel® GME965 & ICH8M, DDRII 533 / 667MHz up to 2GB ,  
Optional onboard 1GB DDRII SDRAM  
Onboard VGA, TV-out, DVI, 18/24-bit Dual Channel LVDS  
2 x Mini-PCI and 1 x PCI, 2 x Intel® Gigabit LAN, RS232/422/485, HD Audio,  
SMBus, USB 2.0, 8-bit GPIO, LPT, FDD, IrDA, CompactFlash,  
DC 12V input or standard 20-pin ATX power supply

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|------------------|---------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Form Factor      | 5.25" SBC (203 x 146 mm)                                                  |                                                                                    |
| CPU              | Intel® Core™ 2 Duo processor Merom with Socket P @ 800 MHz FSB. Memory    | 1 x DDR2 533/667 MHz SODIMM up to 2.0 GB .<br>Optional onboard 1.0 GB DDRII SDRAM. |
| Chipset          | Intel® GME965 & ICH8M                                                     |                                                                                    |
| Real Time Clock  | Chipset integrated RTC with onboard lithium battery                       |                                                                                    |
| Watchdog Timer   | Generates a system reset internal timer for 1sec/min ~ 255 sec/min        |                                                                                    |
| Power Management | ACPI 1.0 compliant, supports power saving mode                            |                                                                                    |
| PCI Enhanced IDE | 1 x Ultra ATA/33 IDE channel up to 2 ATAPI devices                        |                                                                                    |
| VGA Interface    | Intel® GME965 integrated GMA (Graphic Media Accelerator) X3100 Technology |                                                                                    |
| Video Memory     | Up to 384 MB shared with system memory                                    |                                                                                    |

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| Serial ATA Interface  | 3 x Serial ATA II Interface with 300 MB/s transfer rate.                                                                                                                      |
| Audio Interface       | Realtek ALC888 HD Audio                                                                                                                                                       |
| LAN Interface         | 2 x Intel® 82573L Gigabit Ethernet                                                                                                                                            |
| Solid State Disk      | IDE1 supports 44-pin DiskOnModule +5V power supplyCompactFlash Type-II on the solder side.(CompactFlash shared with IDE bus)                                                  |
| GPIO Interface        | Onboard programmable 8-bit digital I/O interface                                                                                                                              |
| Extend Interface      | 1 x PCI slot & 2 x Min-PCI socket                                                                                                                                             |
| DVI Interface         | 2 x DVI with onboard 26-pin DVI connector (optional)                                                                                                                          |
| LVDS Interface        | 2 x 18/24-bit Dual-Channel LVDS interface (optional)                                                                                                                          |
| Internal I/O Port     | 1 x RS232/422/485, 5 x COM, 1 x silm FDD, 1 x IrDA , 1 x LPT, 8 x USB 2.0, 1 x 8-bit GPIO, 1 x Audio, 1 x CDIN LVDS and LCD inverter connector, 1 x DVI, 1 x TV-out 1 x SMBus |
| Power Requirement     | Standard 20-pin ATX power supply or DC 12V input                                                                                                                              |
| Board Dimension       | 203 mm x 146 mm (L x W)                                                                                                                                                       |
| Operation Temperature | 0 ~ 60°C (32 ~ 140°F)                                                                                                                                                         |
| LS-571TXD-1G          | Same as LS-571TXD-P, but with on-board 1GB DDR2 SDRAM                                                                                                                         |
| LS-571TXD-P           | Intel® Core™ 2 Duo 5.25" SBC with onboard VGA, LVDS, TV-out, DVI, LAN, SATA, USB 2.0 ports, HD Audio, RS232/422/485, Min-PCI, PCI, SATA, CF socket                            |

## Specifications

Ce produit a ete rajouté a notre catalogue le vendredi 15 avril 2011