

Industrial Single Board Computer

COM Express Module

CES-471

Intel Core 2 Duo Mobile processor

Support VGA, LAN

PCI-Express, SATA, USB2.0

LVDS, HDTV, Mini-PCI



Form Factor	COM Express Module
CPU	Support Intel Core 2 Duo Mobile processor Package type: Micro-FCPGA478 (Socket-P) Front side bus: 533/800MHz
Memory	1 x 200-pin DDR2 SO-DIMM up to 2GB Non-ECC, unbuffered memory supported only
Chipset	Intel GME965 & ICH8-M (82801HBM)
Real Time Clock	Chipset integrated RTC
Watchdog Timer	Generates a system reset with internal timer for 1min/sec. ~ 255min/sec.
Power Management	ACPI 1.0 compliant, supports power saving mode
PCI Enhanced IDE	Support UltraATA100 IDE interface supports up to 2 ATAPI devices
VGA Interface	Intel integrated Extreme GMA X3100 (Graphic Media Accelerator) Technology Support HDTV, LVDS
Video Memory	Up to 384MB shared with system memory
LVDS interface	Onboard 24-bit dual channel LVDS connector
Serial ATA interface	Support 3 x Serial ATA interface with 300MB/s transfer rate
Audio Interface	Intel integrated ICH8-M HD
LAN Interface	Intel 82573L Gigabit Ethernet controller
Extended Interface	Support x16 PCI-Express slot Support x1 PCI-Express slot Support 4 x PCI slot, 8 x USB 2.0, 1 x FDD
Power Requirement	+12V, +5VSB
Dimension	125mm x 95mm
Temperature	Operating within 0~60 centigrade Storage within -20~85 centigrade

Ordering Code

CES-471 COM Express module for Intel Core 2 Duo Processor

For further product information please visit the website at <http://www.commell.com.tw>

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