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P12 COM Express®

CPU	Single Core Intel® Atom™ processor D410 / 1.66 GHz / 512 KB cache Dual Core Intel® Atom™ processor D510 / 1.66 GHz / 1 MB cache
Chipset	Intel® 82801HM I/O Controller
BIOS	UEFI-BIOS
Max. memory	Up to 4 GB DDR2 memory supports 667 MHz
COM Express® pin out	Type 2 (PICMG® COM.0 R2 specification)
PCI Express® lanes	Up to 5 PCI Express® lanes
32-bit PCI™ bus	Yes
Serial ATA interfaces	Up to 3
SATA Solid State Drive	Up to 4 GB (Option)
Parallel ATA interface	1
Gigabit Ethernet	Yes
USB ports	Up to 8
Analog VGA interface	Yes
LVDS interface	Yes, 18-bit single channel LVDS
SM / LPC bus	Yes
Sound	HDA interface
Max. operating temperature	0°C to +60°C ambient or 0°C to +70°C at any point on the surface
Max. storage temperature	-20°C to +100°C
Type	COM Express® Compact module
Size approx.	95 mm x 95 mm

