E.E.P.D.
´Tomorrow`s Technology Today`

specifications

P14 COM Express®

CPU for industrial temperature grade	Intel® Atom™ processor Z520PT / 1.33 GHz / 512 KB cache / 533 MHz FSB Z510PT / 1.1 GHz / 512 KB cache / 400 MHz FSB
CPU for standard temperature grade	Intel® Atom™ processor Z530P / 1.6 GHz / 512 KB cache / 533 MHz FSB Z510P / 1.1 GHz / 512 KB cache / 400 MHz FSB
Chipset for industrial temperature grade	Intel® System Controller Hub US15WPT with FSB supports 400 MHz and 533 MHz
Chipset for standard temperature grade	Intel® System Controller Hub US15WP with FSB supports 400 MHz and 533 MHz
COM Express® pin out	Type 2 version
Max. memory	Up to 2 GB DDR2 memory support
PCI Express® lanes	Up to 4 PCI Express® lanes
32-bit PCI™ bus	Yes
Serial ATA interfaces	2 (Option)
Parallel ATA interface	1
Solid State Drive	Up to 4 GB (Option)
Gigabit Ethernet	Yes
SM / LPC bus	Yes
USB ports	Up to 8 (1 client port optional)
Analog VGA interface	Yes (Option, shared with SDVO interface)
LVDS interface	Yes, 24-bit single channel LVDS
Serial DVO interface	Yes, shared with VGA interface
Sound	HDA interface
Max. operating temperature	-40°C to +85°C ambient industrial grade 0°C to +60°C ambient standard grade
Type	COM Express® Compact module
Size approx.	95 mm x 95 mm

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February 2014 - Version 1a

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