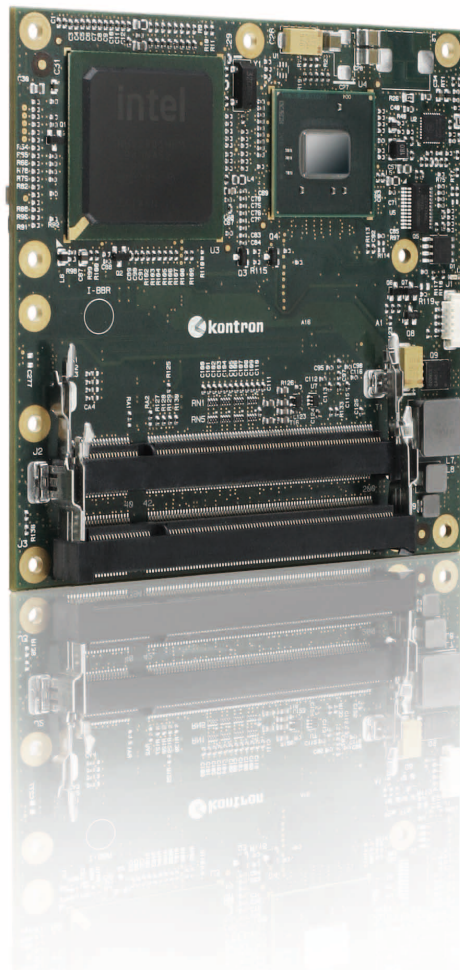


» microETXexpress® -PV «



COM 
Express®

C  **US**

Dual Core Atom™ technology for COM Express® compact

- » Up to Intel® Atom™ D510 (2x 1.66GHz)
- » Up to 2GB DDR2 system memory
- » LVDS and VGA simultaneous graphics support
- » COM Express® compact, Pin-out Type 2

microETXexpress®-PV

Dual Core Atom™ technology

Technical Information

Processor	Intel® Atom™ D510, D410, N450 (up to 2x 1.66GHz)
Cache	Up to 1 MB L2 Cache
Chipset	Intel® 82801HM
Memory	Supports up to 2GB DDR2 SO-DIMM (667MHz)
Hard Disk	3x SerialATA, 1x PATA
USB	USB 2.0, 8 ports
PCI	PCI 2.3, 32 bit / 33 MHz
PCIexpress	5 PCIe x1 lanes
Ethernet	10/100/1000 MBit, Intel® 82567LM
Sound	Intel® High Definition Audio
Graphics Controller	Integrated in Atom™ CPU, GMA3150 with DirectX® 9, PS 2.0
Display Interfaces	Single Channel LVDS 18 bit up to WXGA (1366x768), CRT up to QXGA (2048x1536)
LVDS Panel Support	Single Channel LVDS 18 bit
Other Features	ACPI with S5 (66mA), JIDA and K-station Support, WakeOnLAN, Staged Watchdog, RTC, LPC, JRC support, Fast I²C, SMBus
Form Factor	COM Express® compact: 95 x 95 mm
Power Consumption (typ.)	8W - 18W (estimate) 4.75V - 14V Wide Range Power Supply
Temperature (*)	Operation: 0° to 60°C Storage: -30° to 85°C
Humidity	Operation: 10% to 90% Storage: 5% to 95% (non condensing)

(*) Ask about extended temperature ranges

Ordering Information

Article	Part-No.	Description
microETXexpress®-PV D510	36007-0000-16-2	Intel® Atom™ D510 (1 MB L2 Cache, Dual Core 1.66 GHz, TDP of CPU 15W)
microETXexpress®-PV N450	36007-0000-16-0	Intel® Atom™ N450 (512K Cache, 1.66 GHz, TDP of CPU 7W)
microETXexpress®-PV D410	36007-0000-16-1	Intel® Atom™ D410 (512K Cache, 1.66 GHz, TDP of CPU 12W)
microETXexpress®-PV HSK active	36007-0000-99-0C01	Active Heatsink for microETXexpress®-PV with fan
microETXexpress®-PV HSK passive	36007-0000-99-0C02	Passive Heatsink for microETXexpress®-PV without fan
microETXexpress®-PV HSP thread	36007-0000-99-0	Heatspreader for microETXexpress®-PV, thread
microETXexpress®-PV HSP through	36007-0000-99-1	Heatspreader for microETXexpress®-PV, through-hole

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