

# » microETXexpress® -PV «



## Dual Core Atom™ technology

- » Up to Intel® Atom™ D510 (2x 1.66GHz)
- » Up to 4GB DDR2 dual channel memory
- » LVDS and VGA simultaneous graphics support
- » Compact COM Express™ compatible, Pin-out Type 2

# microETXexpress®-PV

## Dual Core Atom™ technology

### Technical Information

<b>Processor</b>	Intel® Atom™ D510, D410, N450 (up to 2x 1.66GHz)
<b>Cache</b>	Up to 1 MB L2 Cache
<b>Chipset</b>	Intel® 82801HM
<b>Memory</b>	Supports up to 4GB (dual channel) DDR2 SO-DIMM (667/800MHz)
<b>Hard Disk</b>	3x SerialATA, 1x PATA
<b>USB</b>	USB 2.0, 8 ports
<b>PCI</b>	PCI 2.3, 32 bit / 33 MHz
<b>PCIexpress</b>	5 PCIe x1 lanes
<b>Ethernet</b>	10/100/1000 MBit, Intel® 82567
<b>Sound</b>	Intel® High Definition Audio
<b>Video Controller</b>	Integrated in Atom™ CPU, GMA950 (200 MHz) with DirectX® 9, PS 2.0
<b>LVDS and CRT Resolutions</b>	LVDS up to WXGA (1366 x 768), CRT up to QXGA (2048 x 1536)
<b>LVDS Panel Support</b>	Single Channel LVDS 18 bit
<b>Other Features</b>	ACPI with S5 Eco, JIDA and K-station Support, WakeOnLAN, Staged Watchdog, RTC, LPC, JRC support, Fast I²C, SMBus
<b>Form Factor</b>	COM Express™ Pin-out Type 2 compatible
<b>Dimensions</b>	95 x 95 mm
<b>Power Consumption (typ.)</b>	8W - 18W (estimate) 4.75V - 18V Wide Range Power Supply
<b>Temperature (*)</b>	Operation: 0° to 60°C Storage: -30° to 85°C
<b>Humidity</b>	Operation: 10% to 90% Storage: 5% to 95% (non condensing)

### 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)

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