

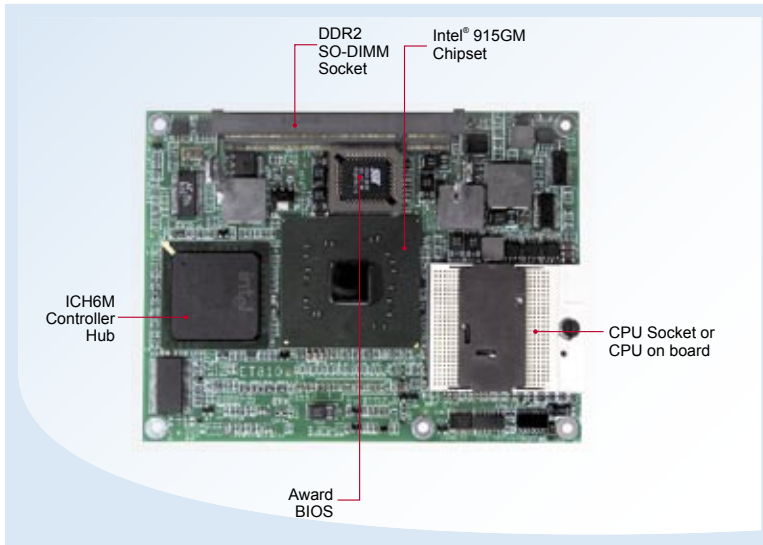
ETX & COM Express

ET810



Pentium® M COM Express CPU Module w/ Intel® 915GM Chipset

Pentium® M-Based



>> Features

- Supports Pentium® M / Celeron® M processors
Up to 2.0GHz, 400MHz/533MHz FSB
- DDR2 SO-DIMM x 1, Max 1GB
- ICH6M 10/100 BaseT Ethernet
- Integrated Intel® 915GM VGA, CRT and LVDS support
- CPU temperature detection

System

CPU	Socket 479 for Pentium® M / Celeron® M or CPU on board, up to 2.0GHz
System Memory	DDR2 SO-DIMM x 1, Max. 1GB, 400MHz/533MHz
System Chipset	Intel® 915GM + ICH6M, 533MHz FSB
BIOS	Award 4Mbit
Watchdog Timer	Supported on baseboard (carrier board)
SSD	N/A
H/W Monitor	CPU temperature detection
Expansion Slot	On baseboard

Multi I/O

Chipset	ICH6M 1x IDE (UDMA33/66/100), 2x SATA
USB	Up to 8 USB ports (2.0) supported (on baseboard)
Audio	Built-in audio + AC97 codec (AC97 on baseboard)
Others	IrDA, Boot on LAN, Interface to baseboard (for 8 USB, IDE, 4 PCI, 4 PCI Express (x1), 1 x PCI Express (x16), 2 SATA, LVDS, VGA, TV-out, LAN, AC97, LPC, GPIO

Graphics

VGA Controller	Intel® 915GM integrated for CRT and LVDS
VGA Memory	DVMT 3.0 support; Max memory allocation based on total system memory
LCD Interface	Supported by Intel® 915GM, 18-bit single or dual channel LVDS

Ethernet

Controller	ICH6M integrated 10/100 LAN
Connector	On baseboard

Mechanical and Environmental

Dimensions	95mm x 125mm (3.74" x 4.92")
Max. Power Requirement	Pentium® M 2GHz w/ 512MB DDR2 +5V: 0.9A +12V: 3.78A
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-68°F~176°F)
Relative Humidity	10%~90% (non-condensing)

Ordering Information

ET810	Socket 479 COM Express CPU Module w/ Intel® 915GM Chipset
ET810-10	Intel® ULV Celeron® M 1.0GHz COM Express CPU Module w/ Intel® 915GM Chipset
IP400	Flex ATX COM Express Baseboard

Remarks:

* Add (-R) after the model name for RoHS-compliant version when ordering.

For user's manual & datasheet download, visit www.ibase.com.tw

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