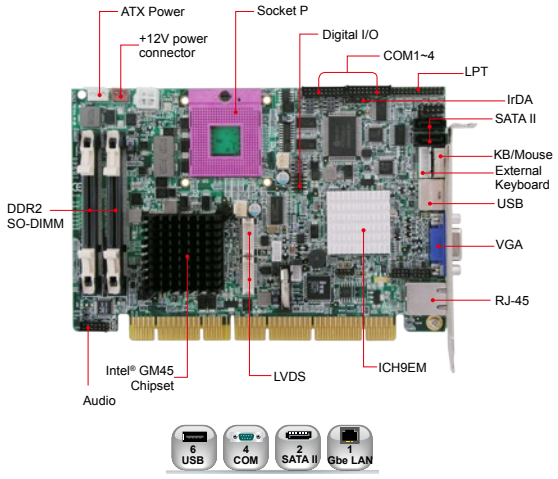
IB946

Socket P Half-Size PISA CPU Card w/ Intel® GM45 Express chipset

Intel® Core™2 Quad-Based



Features

- Supports Intel® Core™2 Quad / Core™2 Duo / Celeron® processors, 667/800/1066MHz FSB
- 2x DDR2 SO-DIMM, Max. 4GB
- Supports dual display (CRT / LVDS)
- Intel® 82567LM Gigabit LAN
- 5.1CH HD Audio, CF socket, LAN Wakeup
- Watchdog timer, Digital I/O, PCI to ISA bridge
- 2x SATA II, 5x USB 2.0, 4x COM,1x ISA, 1x LPT, 1x Mini PCI-E

Specifications

CPU Socket	Socket P for Intel® Core™2 Quad /Core™2 Duo / Celeron® processors
System Memory	2x DDR2 SO-DIMM, Max. 4GB
System Chipset	Intel® GM45 + ICH9M, 667/800/1066MHz FSB
BIOS	Award
Watchdog Timer	256 levels
SSD	Type II CF socket
H/W Monitor	Yes
Expansion Slot	1x Mini PCI-E
VGA Controller	Intel® GM45 integrated GMA4500 MHD
VGA Memory	Supports DVMT 5.0; Max. shared memory - 1GB
LCD Interface	Supports CRT & 18-bit/24-bit dual channel LVDS
LAN Controller	Intel® 82567LM Gigabit LAN
Connector	RJ-45 on board
I/O Chipset	Winbond W83627EHG + Fintek F81216AD 1x LPT, 1x IrDA, 1x KB, 1x mouse, 3x RS232, 1x RS-232/422/485, 2x SATA II (3.0Gb/sec.)
USB	1 port on board Pin header for 4 ports (USB 2.0)
Audio	Intel® built-in HD audio w/ Realtek ALC662 codec for 5.1CH
Others	ITE IT8888G PCI to ISA bridge (w/o ISA master), IrDA, Digital I/O (4-in/4-out)
Dimensions	186mm x 129mm (7.32" x 5.08")
Max. Power Requirement	Intel® Core™2 Duo T9400 2.53GHz w/ 2x 2GB DDR2-800 +3.3V:0.24A +5V: 3.30A +12V: 1.92A
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	10%~90% (non-condensing)

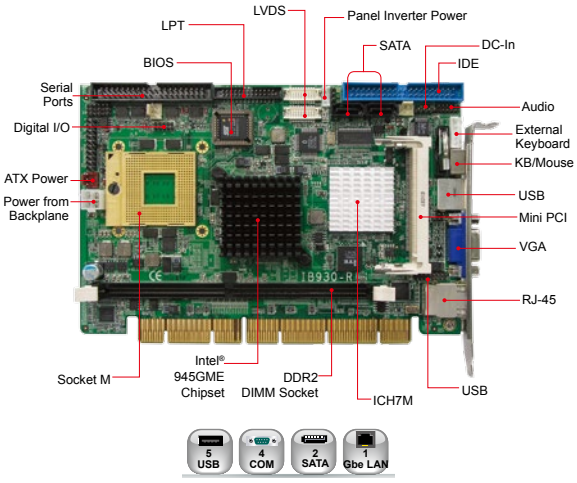
Ordering Information

IB946	Socket P GM45 Half-Size CPU card with VGA, LVDS, CF, Mini PCI-E and 1x Gigabit LAN

IB930

Socket M Half-Size PISA CPU Card w/ Mobile Intel® 945GME Chipset

Intel® Core™2 Duo-Based



Features

- Supports Intel® Core™2 Duo processors Up to 2.33GHz, 667MHz FSB
- 1x DDR2 DIMM, Max. 2GB
- Integrated Intel® 945GME VGA controller supports CRT and LVDS
- Marvell 88E8053 PCI-E Gigabit LAN
- 5x USB 2.0, 4x COM, 2x SATA, 1x Mini PCI
- Watchdog timer, Digital I/O, PCI to ISA bridge

Specifications

CPU Socket	Socket M Intel® Core™2 Duo / Core™ Duo / Celeron®, up to 2.33GHz
System Memory	1x DDR2 DIMM, Max. 2GB
System Chipset	Mobile Intel® 945GME + ICH7M, 533MHz/667MHz FSB
BIOS	Award
Watchdog Timer	256 levels
SSD	CF socket
H/W Monitor	Yes
Expansion Slot	1x Mini PCI
VGA Controller	Intel® Graphics Media Accelerator (GMA) 950, supports CRT, LVDS
VGA Memory	Max shared memory - 224MB
LCD Interface	Supports 24-bit single or dual channel LVDS
LAN Controller	Marvell 88E8053 PCI-E Gigabit LAN
Connector	RJ-45 on board
I/O Chipset	ICH7M, Winbond W83627EHG, Fintek F81216 1x IDE, 1x LPT, 1x KB, 1x mouse, 3x RS232, 1x RS-232/422/485, 2x SATA
USB	1 port on board and 4 ports via pin header (USB 2.0)
Audio	Built-in audio + Realtek ALC662 codec for 5.1CH
Others	ITE IT8888G PCI to ISA bridge (w/o ISA master), IrDA, Digital I/O (4-in/4-out)
Dimensions	186mm x 129mm (7.32" x 5")
Max. Power Requirement	Core Duo™ 2.33GHz, 667MHz FSB, 1GB DDR2 +5V: 3.85A +12V: 2.15A
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	10%~90% (non-condensing)

Ordering Information

IB930H	Socket M Intel® 945GME Half-Size CPU Card w/ VGA and PCI-E Gigabit LAN

Remarks: 1. Specifications are subject to change without prior notice.
2. ODM/OEM is available