



***Manual de Venta
Mainboard
Aug. 2003***

TSMP -- 產品規劃部

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Albatron Technology Co., Ltd.

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PX865PE Pro II

(Intel® 865PE/ ICH5R chipset)



(* overclocked)

- Supports Intel® Pentium® 4/ Processor (Northwood/ Prescott)
- Socket 478 with FSB 800/1200* MHz
- Supports Dual Channel DDR400+ Memory
- Memory Capacity up to 4 GB
- Supports AGP 4X/8X Graphics Accelerators
- Built-in Intel® 1Gbit Ethernet LAN
- Supports ATA100/ ATA133/ Serial ATA HDDs
- Promise ATA RAID 0,1
- Intel® Serial ATA RAID 0
- Built-in VIA Envy 24PT with 8-Channel Audio support
- Supports 8xUSB2.0/ 2xIEEE1394/ SPDIF In-Out
- BIOS Mirror™/ Voice Genie™
- Supports Hyper-Threading Technology
- Features Performance Enhancement Mode (PEM)





(* overclocked)



PX865PE Pro

(Intel® 865PE/ ICH5 chipset)

- Support Intel® Pentium® 4 Processor (Northwood/ Prescott)
- Socket 478 with FSB 800/1200+* MHz
- Supports Dual Channel DDR400+ Memory
- Memory Capacity up to 4 GB
- Supports AGP 4X/8X Graphics Accelerators
- Built-in 3Com 10/100 Mbps Ethernet LAN
- Supports ATA100/ Serial ATA HDDs
- Supports 6-Channel Audio (AC'97)
- Supports 8xUSB2.0/ SPDIF In-Out
- Supports Hyper-Threading Technology
- Features Performance Enhancement Mode (PEM)





(* overlocked)



PX865PE

(Intel® 865PE/ ICH5 chipset)

- Support Intel® Pentium® 4 Processor (Northwood/ Prescott)
- Socket 478 with FSB 800/1200+* MHz
- Supports Dual Channel DDR400+ Memory
- Memory Capacity up to 4 GB
- Supports AGP 4X/8X Graphics Accelerators
- Supports ATA100/ Serial ATA HDDs
- Supports 6-Channel Audio (AC'97)
- Supports 8xUSB2.0/ SPDIF In-Out
- Supports Hyper-Threading Technology
- Features Performance Enhancement Mode (PEM)



PX865PE Lite / Pro

(Intel® 848P/ ICH5 chipset)

- Support Intel® Pentium® 4 Processor (Northwood/ Prescott)
- Socket 478 with FSB 800/1000+* MHz
- Supports DDR 266/333/400+ Memory
- Memory Capacity up to 2 GB
- Supports AGP 4X/8X Graphics Accelerators
- Built-in 3Com 10/100 Mbps Ethernet LAN
- Supports ATA100/ Serial ATA HDDs
- Supports 6-Channel Audio (AC'97)
- Supports 6xUSB2.0/ SPDIF In-Out
- Supports Hyper-Threading Technology



(* overclocked)



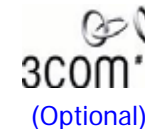
PX845PEV / Pro Rev.800

(Intel® 845PE/ ICH4 chipset)

- Supports Intel® Pentium® 4/ Celeron® Processor
- Socket 478 with FSB 400/533/800* MHz
- Supports DDR 266/333/400* Memory
- Supports AGP 2X/4X Graphics Accelerators
- Built-in 3Com 10/100 Mbps Ethernet LAN (PX845PEV Pro)
- Supports ATA100 HDDs
- Supports 6-Channel Audio (AC'97)
- Supports 6xUSB2.0 / SPDIF In-Out
- Supports Hyper-Threading Technology



(* overclocked)

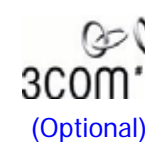


PX845EV1 / Pro

(Intel® 845E/ ICH4 chipset)



- Supports Intel® Pentium® 4/ Celeron® Processor
- Socket 478 with FSB 400/533 MHz
- Supports DDR 266/333/400* Memory
- Supports AGP 2X/4X Graphics Accelerators
- Built-in 3Com 10/100 Mbps Ethernet LAN (PX845EV1 Pro)
- Supports ATA100 HDDs
- Supports 6-Channel Audio (AC'97)
- Supports 6xUSB2.0/ SPDIF In-Out
- Supports Hyper-Threading Technology



(* overclocked)



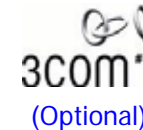
PX845GEV / Pro

(Intel® 845GE/ ICH4 chipset)

- Supports Intel® Pentium® 4/ Celeron® Processor
- Socket 478 with FSB 400/533/667* MHz
- Supports DDR 266/333/400* Memory
- Integrated Enhanced 3D Graphics Engine
- Supports AGP 2X/4X Graphics Accelerators
- Built-in 3Com 10/100 Mbps Ethernet LAN_(PX845GEV Pro)
- Supports ATA100 HDDs
- Supports 6-Channel Audio (AC'97)
- Supports 6xUSB2.0/ SPDIF In-Out
- Supports Hyper-Threading Technology



(* overclocked)



PM845GE

(Intel® 845GE/ ICH4 chipset)



- Supports Intel® Pentium® 4/ Celeron® Processor
- Socket 478 with FSB 400/533 MHz
- Supports DDR 266/333 Memory
- Integrated Enhanced 3D Graphics Engine
- Supports AGP 2X/4X Graphics Accelerators
- Built-in Intel® 10/100 Mbps Ethernet LAN
- Supports ATA100 HDDs
- Supports 2-Channel Audio (AC'97)
- Supports 6xUSB2.0/ SPDIF Out
- Supports Hyper-Threading Technology
- Size: 245x230mm (9.6x9 inch.)





(* overlocked)



PM845GV1

(Intel® 845GV/ ICH4 chipset)

- Supports Intel® Pentium® 4/ Celeron® Processor
- Socket 478 with FSB 400/533 MHz
- Supports DDR 200/266 Memory
- Integrated 3D Graphics Engine
- Supports ADD Card
- Built-in 3Com 10/100 Mbps Ethernet LAN
- Supports ATA100 HDDs
- Supports 2-Channel Audio (AC'97)
- Supports 4xUSB2.0/ SPDIF Out
- Supports Hyper-Threading Technology
- Size: 244x200mm (9.6x7.8 inch.)



PM845GL-533

(Intel® 845GL/ ICH4 chipset)



(* overlocked)

- Supports Intel® Pentium® 4/ Celeron® Processor
- Socket 478 with FSB 400/533* MHz
- Supports DDR 200/266 Memory
- Integrated 3D Graphics Engine
- Supports ADD Card
- Built-in 3Com 10/100 Mbps Ethernet LAN
- Supports ATA100 HDDs
- Supports 2-Channel Audio (AC'97)
- Supports 4xUSB2.0/ SPDIF Out
- Size: 244x200mm (9.6x7.8 inch.)



PM266A / Pro

(VIA P4M266A CE/ 8235 chipset)



- Supports Intel® Pentium® 4/ Celeron® Processor
- Socket 478 with FSB 400/533 MHz
- Supports DDR 200/266 Memory
- Integrated ProSavage8 2D/3D Graphics Engine
- Supports AGP 2X/4X Graphics Accelerators
- Integrated VIA 10/100 Mbps Ethernet LAN_(PM266A Pro)
- Supports ATA133 HDDs
- Supports 6-Channel Audio (AC'97)
- Supports 6xUSB2.0/ SPDIF In-Out
- Supports Hyper-Threading Technology
- Size: 244x225mm (9.6x8.86 inch.)



(Optional)

KX18D Pro II

(nForce2 Ultra 400/ MCP-T chipset)



- Supports AMD Athlon™/ Athlon™ XP/ Duron™ Processor
- Supports Dual Channel DDR 400 Memory
- Integrated nForce2 MCP-T 10/100 Mbps Ethernet LAN
- Supports AGP 8X Graphics Accelerators
- Supports ATA133/ Serial ATA HDDs
- Supports Serial ATA RAID 0,1
- Supports 6-Channel Audio (AC'97)
- Supports 6xUSB2.0/ 2xIEEE1394/ SPDIF In-Out
- Chipset with Hyper Transport Technology
- BIOS Mirror™/ Voice Genie™





KX18D Pro

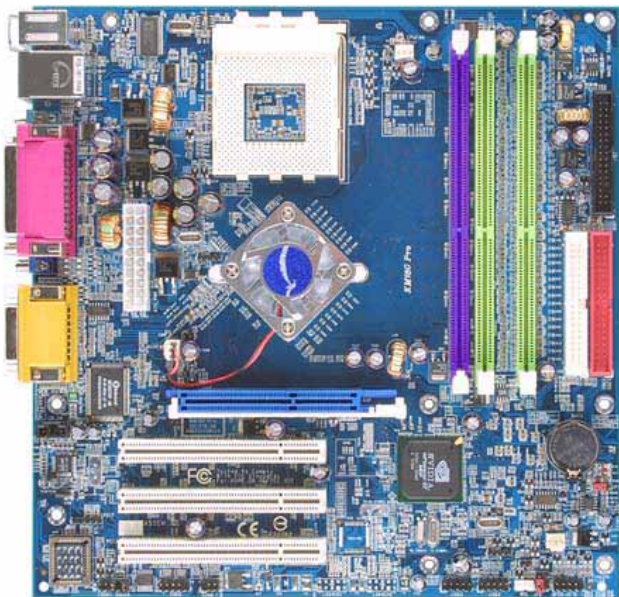
(nForce2 Ultra 400/ MCP chipset)

- Supports AMD Athlon™/ Athlon™ XP/ Duron™ Processor
- Supports Dual Channel DDR 400 Memory
- Integrated nForce2 MCP 10/100 Mbps Ethernet LAN
- Supports AGP 8X Graphics Accelerators
- Supports ATA133 HDDs
- Supports 6-Channel Audio (AC'97)
- Supports 6xUSB2.0/ SPDIF In-Out
- Chipset with Hyper Transport Technology



KM18G Pro Rev. 2.0

(nForce2 IGP/ MCP chipset)



- Supports AMD Athlon™/ Athlon™ XP/ Duron™ Processor
- Socket A with FSB 200/266/333 MHz (AMD Barton CPU ready!)
- Supports Dual Channel DDR 400 Memory
- Integrated nForce2 MCP 10/100 Mbps Ethernet LAN
- Integrated NV18 Graphics Engine
- Supports AGP 8X Graphics Accelerators
- Supports ATA133 HDDs
- Supports 6-Channel Audio (AC'97)
- Supports 6xUSB2.0/ SPDIF In-Out
- Chipset with Hyper Transport Technology
- Bundled TV-OUT cable & bracket



KX600 / Pro

(VIA KT600 chipset)



- Supports AMD Athlon™/ Athlon™ XP/ Duron™ Processor
- Socket A with FSB 200/266/333/400 MHz (AMD Barton CPU ready!)
- Supports DDR 266/333/400 Memory
- Built-in 3Com 10/100 Mbps Ethernet LAN (KX600 Pro)
- Supports AGP 8X Graphics Accelerators
- Supports ATA133 HDDs
- Supports 6-Channel Audio (AC'97)
- Supports 6xUSB2.0/ SPDIF In-Out



(Optional)

KM400T-8X / Pro

(VIA KT400/8235 chipset)



(* overclocked)

- Supports AMD Athlon™/ Athlon™ XP/ Duron™ Processor
- Socket A with FSB 266/333 MHz (AMD Barton CPU ready!)
- Supports DDR 200/266/333/400* Memory
- Integrated VIA 10/100 Mbps Ethernet LAN (KX400-8X Pro)
- Supports AGP 8X Graphics Accelerators
- Supports ATA133 HDDs
- Supports 6-Channel Audio (AC'97)
- Supports 6xUSB2.0/ SPDIF In-Out
- Size: 244x225mm (9.6x8.86 inch.)



(Optional)

Mainboard Comparison

Soar to
Success

Model	PX865PE Pro II	PX865PE Pro	PX865PE	PX865PE Lite/ Pro	PX845PEV / Pro Rev.800	PX845EV1 / Pro	PX845GEV / Pro	PM845GE
Chipsets	Intel 865PE/ ICH5R	Intel 865PE/ ICH5	Intel 865PE/ ICH5	Intel 848P/ ICH5	Intel 845PE/ ICH4	Intel 845E/ ICH4	Intel 845GE/ ICH4	Intel 845GE/ ICH4
FSB	800/1200* MHz	800/1200* MHz	800/1200* MHz	800/1000* MHz	533/800* MHz	400/533 MHz	533/667* MHz	400/533 MHz
Memory	Dual DDR400	Dual DDR400	Dual DDR400	DDR400	DDR400*	DDR400*	DDR400*	DDR333
RAM Slot	4	4	4	3	3	3	3	2
PCI	5	5	5	5	5	5	5	3
Graphics	N/A	N/A	N/A	N/A	N/A	N/A	Intel 845GE	Intel 845GE
AGP	8X	8X	8X	8X	4X	4X	4X	4X
Audio	8-Channel Audio	6-Channel Audio	6-Channel Audio	6-Channel Audio	6-Channel Audio	6-Channel Audio	6-Channel Audio	2-Channel Audio
LAN Chip	Intel 1Gbit	3Com	N/A	3Com (PX848P Pro)	3Com (PX845PEV Pro)	3Com (PX845EV1 Pro)	3Com (PX845GEV Pro)	Intel
IDE	ATA133 RAID 0,1	ATA133	ATA133	ATA133	ATA100	ATA100	ATA100	ATA100
	Serial ATA RAID 0	Serial ATA	Serial ATA	Serial ATA				
IEEE1394	2	N/A	N/A	N/A	N/A	N/A	N/A	N/A
USB	8 x USB 2.0 (6 by Bracket)	8 x USB 2.0 (6 by Bracket)	8 x USB 2.0 (6 by Bracket)	6 x USB 2.0 (4 by Bracket)	6 x USB 2.0 (4 by Bracket)	6 x USB 2.0 (4 by Bracket)	6 x USB 2.0 (4 by Bracket)	6 x USB 2.0 (4 by Bracket)
Model	PX845GV1	PM845GL1-533	PM266A / Pro	KX18D Pro II	KX18D Pro	KM18G Pro Rev2.0	KX600 / Pro	KM400T-8X / Pro
Chipsets	Intel 845GV/ ICH4	Intel 845GL/ ICH4	VIA P4M266A CE/ 8235	nForce2 Ultra 400/ MCP-T	nForce2 Ultra 400/ MCP	nForce2 IGP/ MCP	VIA KT600/ 8235	VIA KT400/ 8235
	400/533 MHz	400/533* MHz	400/533 MHz			333 MHz	400 MHz	333 MHz
Memory	DDR266	DDR266	DDR266	Dual DDR400	Dual DDR400	Dual DDR400	DDR400	DDR400*
RAM Slot	2	2	2	3	3	3	3	2
PCI	2	2	3	6	6	3	5	3
Graphics	Intel 845GV	Intel 845GL	ProSavage8	N/A	N/A	nForce2 IGP	N/A	N/A
AGP	ADD Card	ADD Card	4X	8X	8X	8X	8X	8X
Audio	2-Channel Audio	2-Channel Audio	6-Channel Audio	6-Channel Audio	6-Channel Audio	8-Channel Audio	6-Channel Audio	6-Channel Audio
LAN	3Com	3Com	VIA (PM266A Pro)	MCP-T	MCP	MCP	3Com (KX600 Pro)	VIA (KM400T-8X Pro)
IDE	ATA100	ATA100	ATA133	ATA133	ATA133	ATA133	ATA133	ATA133
				Serial ATA RAID 0,1				
IEEE1394	N/A	N/A	N/A	2	N/A	N/A	N/A	N/A
USB	4 x USB 2.0 (2 by Bracket)	4 x USB 2.0 (2 by Bracket)	6 x USB 2.0 (4 by Bracket)	6 x USB 2.0 (4 by Bracket)	6 x USB 2.0 (4 by Bracket)	6 x USB 2.0 (4 by Bracket)	6 x USB 2.0 (4 by Bracket)	6 x USB 2.0 (4 by Bracket)
								(*Overclocked)