



Featuring Technology from Intel and Radisys



**AT A GLANCE**

The 7578-PL6 provides greater flexibility, performance, reliability, and capacity.

The heart of the 7578-PL6 is powered by leading Intel technology featuring an "All-in-one" powerful feature packed ATX planar with 4 PCI, 2 PCI express, and one PCI x16 expansions slot, single or dual Ethernet, audio, 8 USB ports, 1 Serial, 1 parallel port, EIDE, 4 SATA ports.

Enhanced system performance with higher performing Intel Pentium 4 800Mhz Prescott LGA775 processor with 1M of cache.

Increased memory with 512M Standard and up to 4GB of 533Mhz DDR2 approved Ram).

Faster and more capable Intel graphics providing up to 222M of allocated high speed video memory with media accelerator 900.

Improved industrial chassis for improved system reliability and availability.

Three external 5.25" bays, two 3.5" bays

Flexible mounting; desk and tower

Front fans, CPU fan, and optional 3rd rear fan

Preliminary

# DATA SHEET

## 7578-PL6 Industrial Computer

### A Versatile, High Performance System for Demanding Physical Environments

#### Overview

Count on these highly versatile and high-performance systems to deliver superior reliability around the clock, even in demanding physical environments.

Industrial and commercial applications require superior computer hardware. The model 7578 is designed to meet these challenges.

The 7578 provides an open computing platform and is ideal for use in telecom, government, medical, commercial and industrial unattended applications.

These computers provide the mounting flexibility necessary to allow a single platform to meet all your application requirements.

Mounting configurations include bench or tower.

#### What's New

The new 7578-PL6 model provides customers with:

High-end P4 800 MHz next generation Intel Prescott processor combined with the latest Intel D915 Chipset.

The Intel Graphics Accelerator 900 video designed to allocate up to 222M of video memory for stunning integrated graphics.

Increased memory level support up to 4G of 533 MHz DDR2 memory

Improved integration utilizing "all-in-one" ATX architecture combining video, networking, and audio.

Improved industrial chassis with front USB access.

## SPECIFICATIONS

### ADDITIONAL FEATURES

- 24 x 7 reliability
- 2-5 year Long-Life architecture
- 2 year warranty\*
- Improved component accessibility
- (desk, tower, rack) mounting options
- Industrial cooling and filtration
- Intel based High performance electronics
- Shock mounting and hold down bar



### PRODUCT POSITIONING

The model 7578 provide an outstanding combination of price, performance, and versatility.

These systems deliver the speed and solid functionality needed for demanding applications. The 7578 offers the flexibility of a choice of system boards from the legacy PL3 to the latest Intel technology.

The new 7578-PL6 features Intel's latest Pentium 4, LGA775 3.0 GHz processor, 800 Mhz FSB, up to 4GB (512M std) DDR2 533 memory, EIDE and faster SATA hard disk drive access, and Intel extreme media Accelerator 900 3D graphics. System monitoring of temperature and fan operation is provided for even higher levels of system reliability and certification. Ethernet, stereo audio, and 8 USB ports are also fully integrated.

### ORDERING INFORMATION

Ross Technologies  
 4387 36th Street  
 Orlando, FL 32811  
 Phone (407) 872-0874  
 Fax (407) 872-0791  
 sales@rossdatasys.com  
 www.rossdatasys.com

\* 2 year motherboard only warranty —shipping charges may apply

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Model	7578-PL3	7578-PL5	7578-PL6
<b>Part Number</b>	7578-PL3	7578-UL5	7578-PL6
<b>System Board</b>	ATX GL815E	ATX D845GEV2L	ATX D915GEVL
<b>Processor</b>	Pentium III	Pentium 4	Pentium 4 (Prescott)
<b>Speed</b>	866 MHz	2.4 GHz	3.0 GHz
<b>Bus Speed</b>	133 MHz	533 MHz	800 MHz
<b>User Slots: PCI</b>	4	6	4
<b>PCI/ISA</b>	1	0	0
<b>ISA</b>	1	0	0
<b>AGP</b>	1 (4x)	1 (8x)	0
<b>PCI Express</b>	0	0	1 (x16) 2 (x1)
<b>Memory</b>	256 MB 133 MHz	512MB DDR 333 MHz	512MB DDR2 533 MHz
<b>Max Memory</b>	512 MB	2MB	4MB
<b>L2 Cache</b>	512 KB	512 KB	1 M
<b>Video</b>	Intel 815E 3D graphics	Intel 845GE 3D Graphics	Intel Media Accelerator 900 Graphics
<b>Video Memory</b>	12 MB aperture on AGP	64 MB max	222 MB max
<b>Ethernet</b>	Yes	Yes	Yes
<b>Hard Drive</b>	40 GB EIDE	80GB	120GB SATA
<b>CD-ROM</b>	40x -17x	52x -17x CD-R/W	52x -32x CD-R/W
<b>Open 3.5" Bay</b>	2 Front, 2 Internal	2 Front, 2 Internal	2 Front, 2 Internal
<b>Open 5.25" Bay</b>	2	2	2
<b>Power Supply</b>	330W auto ranging	330W auto ranging	330W auto ranging
<b>Fans</b>	1 Front, 1 opt. rear	1 Front, 1 opt. rear	1 Front, 1 opt. rear
<b>Temperature</b>	0-50 degrees C	0-50 degrees C	0-50 degrees C
<b>Humidity</b>	5-95% non-condensing	5-95% non-condensing	5-95% non-condensing
<b>Extended Shock</b>	n.a.	n.a.	n.a.
<b>Orientation</b>	Desk, tower	Desk, tower	Desk, tower
<b>Mounting kits</b>	See 7580	See 7580	See 7580
<b>Keyboard/mouse</b>	included	included	included
<b>Ports</b>	2 serial, 2 USB, 1 parallel, audio in, audio out, microphone	1serial, 6 USB, 1 parallel, 2 EIDE, audio in, audio out, microphone	1 serial, 8 USB, 1 parallel, 1 EIDE, 4 SATA, audio in, audio out, microphone
<b>Limited Warranty</b>	2 year*, mail in	2 year*, mail-in	2 year*, mail-in
<b>Watchdog Timer</b>	optional	optional	optional
<b>Width</b>	201 mm (7.9 in)	430 mm (16.94 in)	430 mm (16.94 in)
<b>Height</b>	422 mm (16.6 in)	174 mm (6.81 in)	174 mm (6.81 in)
<b>Depth</b>	480 mm (18.9 in)	490 mm (19.94 in)	490 mm (19.94 in)
<b>Weight</b>	11kg (25 lb.)	11kg (25 lb.)	11kg (25 lb.)
<b>certifications</b>	UL1950, CSA950, IEC 950, FCC Class A and CE	UL1950, CSA950, IEC 950, FCC Class A and CE	Currently in process UL1950, CSA950, IEC 950, FCC Class A and CE

