

# IBM 9009-41A EP10 4-Core S914 Power9 Processor

**Brand:** IBM Power9 Systems

**Model Number:** 9009-41A-EP10-S914

**Call for Price:** (888) 682-5335



## Short Description

64GB | 52500 CPW P05 | SMT8 80.9 4 SMT 46.6 ST 27.4

## Description

IBM i [Power9 S914 9009-41A EP10 4-Core 3.8 GHz iSeries Processor](#)

Memory: 16-64 GB

CPW: 52,500

IBM i Software Tier: P05

AIX rPer: SMT8 = 80.9 4, SMT = 46.6, ST = 27.4

Supported Operating Systems: OS400, AIX, Linux Server Red Hat, SUSE and Ubuntu

The 9009-41A S914 with EP10 4-core processor has maximum of [52,500 CPW](#) (13,125 CPW per core for IBM i workloads) with all processors active, and supports: AIX, IBM i and Linux workloads. It uses a typical 2.3 to 3.8 GHz Power9 EP10 Processor Card. The IBM Power9 EP10 4-Core processor cannot be upgraded to increase the cores like other Power9 processor models. The 9009-41A-EP10 S914 system is the only Power9 in a P05 software tier price group. The 4-core S914 9009-41A server only supports the [EM62](#) 16 GB and [EM60](#) 8 GB memory features. View other Power9 [9009-41A models](#) that support up to 1TB of main storage. The EP10 4-Core is the only Power9 system model does not support attaching an EXP24SX I/O expansion drawer or the [IBM EMX0](#) PCIe adapter drawer.

IBM S914 9009-41A EP10 4-Core CPW by Number of Processors Activated: X4 = 52500 | X3 = 39375 | X2 = 26250 | 1 = 13125

## Other Power9 S914 9009-41A IBM i Models in P10 Software Tier

### [IBM 9009-41A EP11 6-Core](#)

CPW by Number of Active EP11 Processors: X6 = 78500 | X5 = 65417 | 4X = 52333 | 3X = 39250 | 2X = 26166 | 1 = 13083

### [IBM 9009-41A EP12 8-Core](#)

CPW by Number of Active EP12 Processors: X8 = 122500 | 7X = 107188 | X6 = 91875 | X5 = 76563 | 4X = 61250 | 3X = 45938 | 2X = 30625 | 1 = 15313

The S914 9009-41A 4-core Power9 server supports a maximum of 10 [disk drives](#) or 10 [SSDs](#) or a combination of 10 HDDs and SSDs in the system unit. This is true with any of the storage backplane options selected. The Power9 S914 model 9009-41A pricing depends on the configuration of the server. Each S914 9009-41A system comes custom configured based on customer requirements, including number of active cores and processors, [disk drives and SSD](#), [memory](#), [storage](#), OS400 version release, licensed IBM programs, and number of concurrent users. For MES System Upgrades, please provide your current iSeries System Model and Serial Number.

## Power9 Memory

Two processor socket Power9 servers have 32 DDR4 memory slots, providing a maximum of 4TB of main storage, and single processor socket systems have 16 memory slots for a maximum of 2TB. The IBM S914 model 9009-41A is the only Power9 system that has a 1TB maximum for main storage. IBM [Power9 memory](#) specifications and options include:

8 GB DDR4 Memory - [324D EM60 78P4191](#)

16 GB DDR4 Memory - [324E EM62 78P4197](#)

32 GB DDR4 Memory - [324F EM63 78P4198](#)

64 GB DDR4 Memory - [325A EM64 78P4199](#)

128 GB DDR4 Memory - [324C EM65 78P4200](#)

## Power9 S914 9009-41A Supported Storage

15k RPM Disk Drives for IBM i Power9 iSeries

- 283 GB 15k rpm disk drive (ESDA) 5xx byte blocks
- 283 GB 15k rpm disk drive (ESFA) 4k byte blocks
- 283 GB 15K rpm disk drive (ESNJ) 4k byte blocks

#### 10k rpm disk drives for IBM i Power9 iSeries

- 571 GB 10k rpm disk drive (ESD4) 5xx byte blocks
- 571 GB 10k rpm disk drive (ESF4) 4k byte blocks

#### SSDs for IBM i Power9 iSeries

- 387 GB SSD (ES7K and ES7L) 5xx byte blocks (eML4 technology)
- 387 GB SSD (ES8N and ES8P) 4k byte blocks (eML4 technology)
- 387 GB SSD (ESG9 and ESGA) 5xx byte blocks (Enterprise technology)
- 387 GB SSD (ESGD and ESGE) 4k byte blocks (Enterprise technology)
- 931 GB SSD (ES83 and ES84) 4k byte blocks (Mainstream technology)
- 931 GB SSD (ESHS and ESHT) 4k byte blocks (Mainstream technology)

#### 15k RPM Disk Drives for IBM AIX and Linux

- 300 GB 15k rpm disk drive (ESDB) 5xx byte blocks (AIX/Linux)
- 300 GB 15k rpm disk drive (ESFB) 4k byte blocks (AIX/Linux)
- 300 GB 15K rpm disk drive (ESNK) 4k byte blocks (AIX/Linux)

#### 10k RPM Disk Drives for IBM AIX and Linux

- 600 GB 10k rpm disk drive (ESD5) 5xx byte blocks (AIX/Linux)
- 600 GB 10k rpm disk drive (ESF5) 4k byte blocks (AIX/Linux)

#### SSDs for IBM AIX and Linux

- 387 GB SSD (ES7K and ES7L) 5xx byte blocks (eML4 technology)
- 387 GB SSD (ES8N and ES8P) 4k byte blocks (eML4 technology)
- 387 GB SSD (ESG9 and ESGA) 5xx byte blocks (Enterprise technology)
- 387 GB SSD (ESGD and ESGE) 4k byte blocks (Enterprise technology)
- 931 GB SSD (ES83 and ES84) 4k byte blocks (Mainstream technology)
- 931 GB SSD (ESHS and ESHT) 4k byte blocks (Mainstream technology)

#### **Minimum Operating System Versions:**

IBM i V7R2 TR8 or later

AIX V7R1 Technology Level 7100-04, Service Pack 7100-04-06-1806

AIX Virtual V6R1 Technology Level 6100-09, Service Pack 6100-09-06-1543

Red Hat Enterprise Linux Server version 7.4 or later

SUSE Linux Enterprise Server 12 Service Pack 3 or later

Ubuntu Linux Server 16.04.4 or later

## Specification

IBM i Systems	
CPW	13,125-52,500
Generation	Power9
Maximum Disk	10 Bays
Maximum Memory	1TB
Software Tier	P05