Choosing the Right Industrial PC:
Harmony PSA6 vs Harmony P6



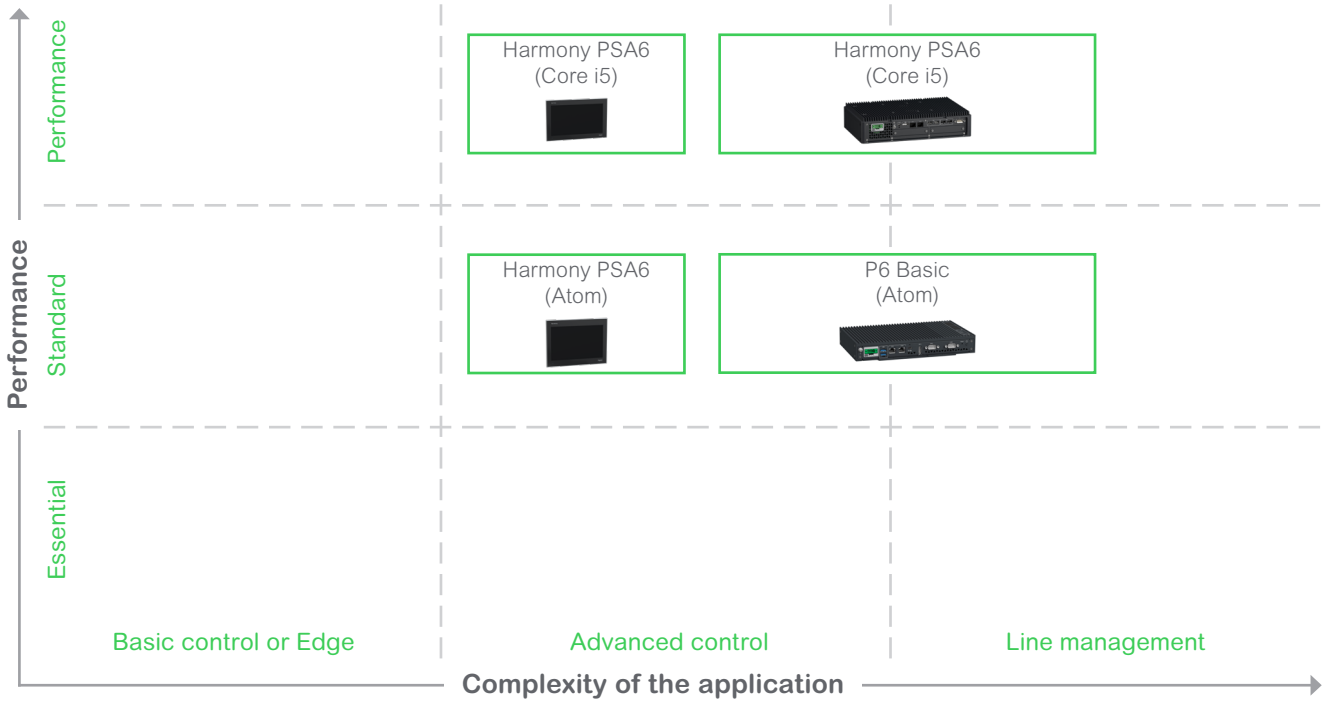
Harmony P6 and PSA6

This leaflet will help you navigate within Schneider iPC range to choose the iPC that will best fit your environment, performance requirements and budget.

Schneider Electric offers two IPC ranges to meet different needs:

Harmony P6: A modular, high-performance IPC for advanced automation and IIoT.

Harmony PSA6: A cost-effective, all-in-one Panel IPC for all your applications



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Performance and multitasking

- PSA6: Support HMI applications, advanced control, and local data logging.
- P6: Supports SCADA, analytics, virtualization, and multitasking with up to 64GB RAM.

Use case: For multi-software environments or edge computing that require high memory or processing, P6 is the better performer. For advanced control that mixes HMI features with iPC processing power at the best price, PSA6 will be the right choice.

Form factor flexibility

- PSA6: Only available as Panel PC.
- P6: Available as Box PC, Panel PC, or paired with separate monitors.

Use case: For custom installations or control cabinets, P6 offers more flexibility with CTO capability. PSA6 is ready to use and easily mountable in many simple configurations.

Expandability

- PSA6: Limited to M.2 and secondary SSD.
- P6: PCI/PCIe slots for additional I/O, fieldbus, or wireless.

Use case: For future-proofing or complex connectivity, P6 is more scalable.

Environmental certifications

- PSA6: Standard industrial certifications.
- P6: Includes hazardous location and marine certifications for some models.

Use case: For most use cases in light environments PSA6 will cover all your needs. For harsh or regulated environments, P6 ensures compliance.

Connectivity

- PSA6: Basic I/O (LAN, USB, COM) sufficient for most HMI stations.
- P6: Richer I/O and expansion options.

Use case: For standalone machines, PSA6 provides all necessary ports without overengineering. For more complex systems, P6 will be tailored to your installation.

Lifecycle and availability

- PSA6: Suited for fast-moving OEM programs with shorter product cycles.
- P6: Long-term availability and roadmap support.

Use case: For infrastructure or regulated industries, P6 ensures continuity. For fast moving industries, PSA6 will adapt with shorten lifecycle and CPU renewal plan.

Cybersecurity

- PSA6: TPM 2.0, BitLocker, secure boot.
- P6: TPM 2.0, BitLocker, secure boot.

Use case: Both follow IEC 62443 principles and SDL internal standards. For your CS needs, both Schneider iPCs will meet your requirements, so you can chose freely based on your budget and technical requirements and environmental constraints.



PSA6 or P6? Understand the essentials

Why PSA6 fits:

- Cost effective with ”just enough” specifications that will fit many use cases
- Slim design for constrained environments
- Easy Migration from Traditional HMI

Why P6 fits:

- Modular architecture for scalability
- Configured-to-Order flexibility
- Tested and validated software bundles for faster commissioning

Feature	Harmony PSA6	Harmony P6
Architecture	All-in-one Panel IPC (compact design)	Modular IPC (Box only or Box + Display configurable)
Line-up	Displays: 12”w, 15”, 15”w, 19”w	Displays: 10”W, 12,12”W, 15, 15”W, 19”W, 22”W Box: Basic (Atom), Standard (i3/celeron), Advanced (i5/i7)
CPU options	Atom / Core i5	Atom / Celeron / Core i3 i5 i7
Main storage	M.2 SSD 128 GB (default) M.2 SSD 256 Gb (for i5)	M.2 SSD 128/256/512GB HDD 1TB
Option storage	128/512 GB second SSD	M.2 SSD 128/256/512GB HDD 1TB
Memory options	8 GB DDR5 (default) 16 Gb DDR5 (2 x 8 Gb for i5 model)	4-32GB DDR4, expandable to 64 for Advanced box
Price positioning	~40–45% lower than Harmony P6*	Premium pricing for advanced automation projects
Modularity	Fixed configuration (catalog only)	High modularity: CTO (Configured-to-Order) with options for PCI/PCIe slots
Environment	Light industrial environments	Clean, Standard, and Harsh environments
Certifications	IP66, CE, UL61010, UKCA, RoHS	CE, UL61010, UKCA, RoHS, IP66 front panel, IECEx/ATEX** and DNV**





*For similar Size & CPU
** For DC version



PSA6 or P6? Time to choose

Choose PSA6 if:

- Budget-sensitive, essential performance
- Light environment
- No need for modularity

Choose P6 if:

- Complex, scalable projects
- Need for modularity and advanced options
- Strong integration with EcoStruxure and AVEVA

Learn more and order

For Harmony PSA6 – All your needs at the right price.

Visit our website | Contact our sales | Watch videos

For Harmony P6 – The future of advanced automation and control

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Schneider Electric Industries SAS
35, rue Joseph Monier - CS 30323
F92506 Rueil-Malmaison Cedex

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