



## Server Accessory

### Wiwynn P16RC

Best suited for data-intensive applications, the PCIe 3.0 Retimer card effectively increases data throughput and scalability.

#### PCIe Interconnection Enables Data Disaggregation

With Wiwynn P16RC card, connection between compute and storage become easy. It is now possible to disaggregate storage away from the compute and vice versa with no penalty to performance. Flexibly, it can use switch between different modes: 1 x16 or 2 x8, connecting to one or more PCIe storage expansion.

#### Performance and Reliability Improvement

Wiwynn P16RC card is designed to give maximum efficiency to the growing demand of increased data throughput and scalability. It can significantly improve performance and reliability by sustaining signal quality of PCIe 3.0 across long or noisy connections in computing, storage, and communications applications.

#### Best Flexibility for Data-intensive Applications

The Wiwynn P16RC card is a 32-channel (16-lane) retimer capable of 8 Gbps-per-channel transfers, providing a total of 256 Gbps of communication bandwidth, which is the best suited for data-intensive applications.



#### Dynamic Optimization for Performance

Wiwynn P16RC card include a high-performance continuous-time linear equalizer analog front-end followed by a five-tap decision feedback equalizer and clock-data-recovery circuit. This high-performance input with dynamic optimization can recover poor quality input signals, correct random and deterministic jitter, and boost transmit amplitude – enabling communication over long cables, long traces, or system backplanes.

Wiwynn is a fast-growing cloud infrastructure provider that develops high-density computing and storage products, plus rack solutions for leading data centers.

P16RC

Model : Wiwynn P16RC



Specifications

Host Bus Type	PCIe 3.0 x16 lanes
Form Factor	Low-profile (LP) MD/2
LED Indicator	3x green LEDs (PCIe configuration), 1x blue LED (powered on)
power consumption	10W
Connector	Four (x4) Mini-SAS HD (SFF-8644)
Operating Voltage	+12V +/-8%; 3.3V +/-9%
OS Support	Linux, Microsoft Windows
RoHS compliant	Yes



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