

Powerb@se®

Ideal Home for Your IT Systems

Secured • Best Practice • Total Outsourcing

New Offering by Powerb@se

To celebrate the "Best Data Center Colocation Services" and "Best of Data Center" awards by renowned publications and opening of new data center facilities, from now to September 30, 2013, you can enjoy Powerb@se data center hosting service from **HK\$9,000 per rack*** with the following offers:



Free 2-month subscription of hosting services for each two-year contract signed



Include bandwidth and electricity



Other value added and managed services

Don't miss this opportunity. Act now!

* Subject to the terms and conditions overleaf



Powerb@se®

PCCW Solutions has more than 20 years of experience providing data center services in Hong Kong. With more than 10 data centers in Hong Kong and China, Powerb@se represents the premium data center services powered by PCCW Solutions, the leading IT services company in Hong Kong and mainland China. Powerb@se data centers are built to the highest standards of reliability, security, efficiency and quality. With Powerb@se, your IT systems are in the safest hands.

Our edge

- Stringent security with 24 X 7 professional support
- Strong capabilities in customization
- Full range of outsourcing services
- International best practice and process for better management and operation



PACKAGE	GOLD	PLATINUM	DIAMOND
Special Price (HK\$)	9,000	10,000	11,000

Data center infrastructure			
<ul style="list-style-type: none"> Space : 42U Rack 2 kVA UPS single phase electricity supply 10+10 13A Sockets with dual UPS power sources 4 Equipment trays 2 Structure Cables (UTP Cat 5 or above) for the connection to external line circuits or inter-rack connection, limited to one external line circuits per UTP cable 24 x 7 First line operation support 	✓	✓	✓

Connectivity			
<ul style="list-style-type: none"> One 10/100/1000 Base-T Ethernet full duplex port 16 IP addresses Up to 100M guaranteed local bandwidth 1M guaranteed international bandwidth On-line web-based internet traffic report (MRTG) 	✓	✓	✓

Value-added Services			
Tape Management <ul style="list-style-type: none"> Remote hand operation Tape media transportation 		✓	✓
		OR	
Redundancy connectivity to the backbone switch <ul style="list-style-type: none"> Internet connectivity is provided via dedicated Ethernet port connection at two separate backbone switches (in active-standby mode by utilizing ESRP protocol) to the customer's equipment location. Layer 2 switch for connecting customer equipment to Powerbase network must be provided by customer. 		✓	✓

Terms and conditions:

- Fixed contract periods of 12 months or 24 months apply to this offer. In the event of termination before the expiry of the fixed contract, early termination charges amounting to 50% of the aggregate of the remaining monthly charges will apply.
- Each package (Gold, Platinum and Diamond) includes one (1) rack and one (1) powerport, with the option to subscribe to up to a maximum of 2 additional racks (racks only) at a discounted price of HK\$ 8,500 each rack.
- Each package includes 100M guaranteed local bandwidth and 1M guaranteed international bandwidth connectivity; the actual performance is however affected by various factors such as the environmental factors or the specification of hardware.
- Each package includes 2kVA of power per rack.
- This offer is valid for new customers only. Each new customer is eligible to subscribe to ONE (1) package within the program period.
- Subscription to a package under this limited offer for Powerbase data center at On Ting only
- Program Period – The offer is valid until 30 September, 2013. PCCW Solutions Limited reserves the right to withdraw this offer earlier without further notice.
- Waivers of one (1) month's fees will be offered in the 12th month of 12-month contracts, or two (2) months' fees will be offered in the 23rd & 24th months of the 24-month contract.
- Offer is subject to customer accepting the full terms and conditions of data center service of PCCW Powerbase Data Center services (HK) Limited



Contact

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Powerb@se Data Center at the On Ting Industrial Centre

Premium data center offers cross-border solutions to meet your unique business needs

Powerb@se, the premium data center service provided by PCCW Solutions, has opened a new facility at Fanling's On Ting Industrial Centre in the New Territories of Hong Kong.

Covering a total floor space of more than 42,000 square feet, the new data center swung into action in early 2013 and is equipped with an array of world-class facilities plus a cutting-edge broadband network. The On Ting data center was built according to our design-and-build principles of scalability, reliability, security and connectivity. Adding this powerful new facility to the end-to-end IT services provided by PCCW Solutions means enterprises can focus on core business with total peace of mind.

The On Ting data center is situated in an industrial zone where power supply infrastructure was designed to cope with heavy demand, and major facilities are configured with N+1 redundancy up to transformer level, including power substations. This serves mission-critical operations and IT systems that require a substantial and robust power supply. In addition, close proximity to mainland China makes the new data center ideal for enterprises running cross-border operations.

Unique Competitive Edge

• World-class infrastructure offering high availability

The On Ting data center is based on robust Tier 3+ architecture design¹ and was built to the highest standards of reliability, security, efficiency and quality. Furthermore, major facilities in our data center benefit from dual-network configuration, enabling us to switch data traffic between networks with comparative ease to ensure a stable infrastructure and optimal resilience in any critical situation.

• Cross-border data center solutions with skilled local support

A well-established network of data centers in both Hong Kong and mainland China enables PCCW Solutions to provide cross-border offerings to enterprises in the mainland China wanting to expand into Hong Kong and overseas. We are also able to support local and multinational enterprises entering the mainland China market. Our highly-accredited IT professionals in Hong Kong and mainland China provide skilled support and high-quality services, ensuring your IT systems are in the safest hands possible.

• End-to-end IT capabilities support your business growth

As a world-class leader committed to delivering the highest quality of IT services, PCCW Solutions delivers a comprehensive range of data center offerings that range from design and build, hosting and facilities management and network and managed services through to business continuity, outsourcing and cloud computing services. Our end-to-end IT capabilities help you drive business transformation and achieve growth.

About Powerb@se

Powerb@se is an integral part of PCCW Solutions, the IT services leader in Hong Kong and mainland China with more than 20 years of experience in the provision of local data center services. More than 10 data centers are run by Powerb@se in Hong Kong and mainland China and have been awarded certification in terms of the ISO 27001 information security management system, along with the ISO 20000 IT service management system standard, ISO 9001 quality management standard and the ISO 14001 environmental management system². This represents official endorsement of the high levels of security, quality service and environmental management provided by our data center services.

1 Formal accreditation is yet to be obtained.

2 Data center sites with full accreditation of ISO 27001, ISO 20000, ISO 9001 and ISO 14001 include our Cyberport data center, Fo Tan data center and West exchange data center.

WORLD-CLASS ON TING DATA CENTER SPECIFICATIONS

DATA CENTRE AREA

Total data centre area: 42,229 sq ft

- Four floors of 10,557 sq ft each

Raised floor

- 450mm raised floor height
- 600mm x 600mm panel size

Headroom

- 4.1m slab to slab
- 3.3m slab to beam

Floor loading

- 12.5 kPa uniformly distributed load

Telecom facilities

- 2 meet-me rooms per floor
- Dual risers with space diversity
- Center neutral

Amenities

- 1 passenger lift and 2 cargo lifts
- Loading bays on ground floor
- Free parking on shared basis
- Dry pantry & rest area
- Conference room (by reservation)

COOLING SYSTEMS

MVAC

- CRAC units in N+1 configuration
- Ambient temperature: 22°C ± 2°C
- Humidity: 50% ± 10%
- Entire cooling system backed up by diesel generators

PROTECTION SYSTEMS

Security System

- Two-factor door access control (proximity card reader & biometric)
- 24/7 CCTV surveillance with local & remote monitoring
- 24/7 onsite security officers

ELECTRICITY

Utility supply

- Four 2,000 KVA transformers
- Power supply from dedicated transformers for UPS and cooling equipment

UPS

- 2N configuration
- At least 15 minutes' battery backup time
- Dual bank batteries

Diesel generator

- Four 1,500 KVA generators

Oil tank

- Minimum of 10 hours' generator fuel storage
- Refueling takes place within 2 hours to ensure continuous generator operation

DETECTION SYSTEMS

Building management systems (BMS) – local and remote

24/7 status monitoring for:

- Chiller plant
- Power supply system
- Room temperature & humidity
- Water leakage detection
- Access control
- CCTV

Fire detection/suppression system

- FM200 fire suppression system in data center & facility areas
- CO2 fire extinguishers installed in key areas
- Thermometer, hygrometer & smoke detector in data center areas
- Fire alarm with direct connection to local fire service stations



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