CORECESS

S5 Platform Chassis

The S5 platform has five chassis in two types. These chassis provide flexible deployment configuration for the S5 platform. The same backplane architecture applied to all S5 platform chassis makes any S5 blades can be deployed in any slot in any S5 chassis except some dedicated SCM slots. The combination of these chassis and blades delivers the major benefits of the S5 platform. S5 chassis is supplied only with backplane, so respective FANs and power supplies must be ordered and purchased separately.

Chassis Type 1: Built-in DC power

This type of chassis provides redundant DC power feeds in built-in form. There are three chassis for this type : S505, S510 and S518. S505 holds a single SCM and up to four LIMs, while S510 and S518 has two SCM slots in redundant manner and up to eight and sixteen LIM slots respectively. Any blades can be deployed in any slot, in any chassis and in any combinations. All blades plug into the fr ont, allowing fast and easy installation, field replacement or upgrade. Port density is determined by the chassis and blades used. No AC power is recommended for this type of chassis. In AC case, using type 2 chassis is highly recommended.

Chassis Type 2: Universal Power Slot

This type has three unpopulated universal power slots. These slots can be populated with off-the-shelf 600watt power supplies. These power supplies are not included in the chassis. It requires that additional order for power supplies must be placed. Both AC and DC powers are provided. There are two chassis for this type : S506 and S511. S506 is extension from S505 in that it has the same structure but universal power slots. One of three 600watt power supplies is enough to operate with all slots occupied, but two power supplies with redundancy are recommended. S511 is extension from S510 and at least two power supplies are required for full-loaded cases, while three power supplies are recommended in redundancy manner. All cabling can be achieved from front that makes easy and fast installation and field operation as well.

Product Ordering & Specifications

Product Ordering Information		Specifications
S505 chassis	S505CH-GR	• Slots : 5 slot, holds up to 4 service interface blades • Size : 3RU, 133mm (H) x 483mm (W) x 240mm (D) • Weight : TBD • Power connections : -48V @ 18.75 A, $\pm10\%$, redundant feeds • All front access except power feeds
S510 chassis	S510CH	• Slots : 10 slot, holds up to 8 service interface blades • Size : 6RU, 266mm (H) $\times$ 483mm (W) $\times$ 240mm (D) • Weight : TBD • Power connections : -48V @ 18.75 A, $\pm10\%$, redundant feeds • All front access except power feeds
S518 chassis	S518CH	• Slots : 18 slot, holds up to 16 service interface blades • Size : 12RU, 533mm (H) $\times$ 483mm (W) $\times$ 240mm (D) • Weight : TBD • Power connections : -48V @ 18.75 A, $\pm10\%$, redundant feeds • All front access
S506 chassis	S506CH	• Slots : 5 slot, holds up to 4 service interface blades • Size : 4RU (3RU for blades & 1RU for power slot), 176mm (H) $\times$ 483mm (W) $\times$ 240mm (D) • Weight : TBD • Power connections : three unpopulated power slots, additional power supplies required • All front access
S511 chassis	S511CH	• Slots : 10 slot, holds up to 8 service interface blades • Size : 7RU (6RU for blades & 1RU for power slot), 308mm (H) $\times$ 483mm (W) $\times$ 240mm (D) • Weight : TBD • Power connections : three unpopulated power slots, additional power supplies required • All front access
FAN	S505CH-FAN-12V S510CH-FAN-12V S518CH-FAN-12V S506CH-FAN	• FAN tray for S505CH-GR/Needs one fan for S505CH-GR • FAN tray for S510CH & S511CH/Needs one fan for S510 & S511 • FAN tray for S518CH/Needs two fans for S518CH • FAN tray for S506CH/Needs one fan for S506CH
Power supply	S5-PPA600 S5-PPD600	• 600W AC power supply for S506CH & S511CH • 600W DC power supply for S506CH & S511CH

Corecess Inc.