

PRODUCT CHANGE NOTIFICATION

SPBB21X (Strato Pi Base Board)
SPMB21X (Strato Pi Base Server, RPI 3B)
SPMB21XP (Strato Pi Base Server, RPI 3B+)
SPTB21XP (Strato Pi Base Touch Display, RPI 3B+)

PCN date:

Nov 1st, 2019

Effective date:

Dec 1st, 2019

Important information:
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The older P/N remain active (see our long term availability policy at the bottom of this document)

Replacement P/N

Part Number	New (Recommended) Part Number
SPBB21X (Strato Pi Base Board)	SPBB30X (Strato Pi Base Board)
SPMB21X (Strato Pi Base Server, RPI 3B)	SPMB30X (Strato Pi Base Server, RPI 3B)
SPMB21XP (Strato Pi Base Server, RPI 3B+)	SPMB30XP (Strato Pi Base Server, RPI 3B+)
	SPMB30X42 (Strato Pi Base Server, RPI 4 2GB)
	SPMB30X44 (Strato Pi Base Server, RPI 4 4GB)
SPTB21XP (Strato Pi Base Touch Display, RPI 3B+)	SPTB30XP (Strato Pi Base Touch Display, RPI 3B+)
	SPTB30X42 (Strato Pi Base Touch Display, RPI 4 2GB)
	SPTB30X44 (Strato Pi Base Touch Display, RPI 4 4GB)

Reason for change:

We have redesigned the Strato Pi Base keeping the new Raspberry Pi 4 in mind. The power-supply stage has been re-engineered to withstand the current demand of Raspberry Pi 4, including that of the external devices powered via USB and Strato's auxiliary power supply output.

Highlights:

- 9-28Vdc power supply with surge and reverse polarity protection
- Real-time clock with replaceable back-up battery
- Optoisolated RS-232 and RS-485
- Hardware watchdog
- User-configurable watchdog operations
- Secure element
- Buzzer
- User-upgradable firmware for the onboard micro-controller directly through Raspberry Pi

Long term availability policy

Although we are committed to ensuring long-term availability for our products, we regularly develop new versions, for example to take advantage of new components with better performance, or to add new features. In these cases the previous versions, marked NRND (not recommended for new designs) will remain available for 8 years since being flagged as NRND. Delivery times of NRND products may be longer than comparable active products. This statement applicable scope only covers our own products or components. We cannot guarantee, for example, that a specific third party module, used in one of our products, will remain available for any amount of time. If one or more individual electronic components used in the manufacturing of our products become unavailable, with no direct part alternative, we may be forced to replace them with similar components, with potential changes in electrical, mechanical or regulatory specifications. In these remote cases, we will implement any necessary design change in order to minimise the differences between the original and new version of a product.

Product Information

Should you have any question regarding our products, please e-mail support@sferalabs.cc