Article published on December 12th 2011 | Hardware

This is denoted by the letter â€˜uâ€™, thus a 1u rack is one unit rack and a 4u rack will have 4 units mounted on the rack. Industrial rack mount computers 1u to 4u or more are common and saving space along with giving a rugged environment are factors considered. In industrial applications racks that are 42U tall are often use but taller racks can also be designed and used.

Industrial rack mount computers, 1u to 4u are the most in-demand requirements for this type. There is a universal standard to the height of the rack which is 1.75 inches or 44.5 mm. Equipment such as servers are designed with this standard height in mind allowing for space between the racks so that equipment does not rest one on another. Sometimes when the height of the equipment is more than 1U, then 2U may be required to mount that equipment. The width of the face is also standardized to 19 inches for most telecommunications, audio, entertainment and computing requirements.

Many Industrial rack mount computers, 1u to 4u, used for a variety of industrial, military and medical applications need specific features of ruggedness. Stability in extreme temperatures is often required. Many manufacturers confer this important feature to their Industrial rack mount computers, 1u to 4u with stability assured between 1 degree and 50 degrees Centigrade for efficient use outdoors or in tropical countries.

Industrial rackmount computers 1u to 4u have highly efficient servers that use world class technology and processor capabilities with stable operating systems. Configuration flexibility is offered making the Industrial rack mount computers, 1u to 4u useful for different and diverse applications varying from scientific computing to retail chains.

Rugged rack mount computer chassis 4u

A rugged rack mount computer may use chassis 4u when a single portable computer is mounted on the rack. The usual specifications for such use could be a steel chassis 4U in height and depth from 15 to 27 inches. This can be used for tough and rugged industrial and outdoor environments. The strengthened frame of the chassis, the well-functioning rails, added features such as handle, cable tray at the rear end etc are features that are included in the rugged rackmount computer chassis 4U.

Article Source:
http://www.articleside.com/hardware-articles/industrial-rack-mount-computers-1u-to-4u-are-used-for-industrial-computing.htm - Article Side

John Anthony - About Author:
john Anthony is the author of this article and writes about IT News and other matters. For further detail about a Wall mount servers please visit our website .

Article Keywords:
Wall mount servers, Industrial rackmount computers 1u to 4u, Rugged rackmount computer chassis

4u

You can find more free articles on Article Side. Sign up today and share your knowledge to the community! It is completely FREE!