

The World's Smallest Open Source ERP Application Server

RasPiEsi Epesi ENS Node v1.0 "Stasiu" Edition

RasPiEsi is The World's Smallest Open Source ERP Application Server powered by **Epesi** and running on \$5 USD **Raspberry Pi Zero** with 1 CPU and 512 MB RAM DietPi Linux distro and LLMP stack with memcached support and Epesi CRM preinstalled and fully configured.

[photo_2023-01-30_04:19:29.jpeg](#)

Ready to run turn-key cloud native application server perfect for microservices because of extremely low memory footprint: only 130 MB of RAM used when idle!

[photo_2023-01-30_04:18:58.jpeg](#)

"**RasPiEsi** is the smallest possible **Epesi Node** I was able to build with the smallest RAM usage of only 133MB!" wrote Epesi ERP author **Janusz Tylek**. "Thanks to the excellent **DietPi** distro this tiny server runs Epesi surprisingly well especially on a fast SD card. It should run unmodified on any Raspberry Pi - from the lowest end **\$5 RPi Zero with no WiFi and 1 CPU and 512 MB of RAM** (used to create this disk image), to the high end RPi 4. Tested fine on RPi 3 - unmodified, just swapped between units!"

[raspiesi.png](#) or type unknown

Janusz Tylek is releasing RasPiEsi to mark the anniversary of his father's birthday. Stanisław Tylek was born on January 30, 1931 in Cracow and lost his father when he was 9 months old. His stepfather did not beat him, thus is how he recalls his childhood. Stanisław (en. Stanley), or "Stasiu" would have been 92 this year, almost as old as David Attenborough. He was an engineer responsible for **the Tower of Jasna in Tarnów** among other things. **A mayor of the Xth district of Cracow** elected in the first democratic elections in Poland in 1989. He was an independent and was elected for two 4 year terms.

"I was, I am proud of who my father was and this is an extremely important aspect in a life of every man, every son." said RasPiEsi creator, Janusz Tylek.

[photo_2023-01-30_04:31:08.jpeg](#)

"For my father's Stanisław birthday: January 30th, 1931"

Build cool stuff with it like **Epesi RAIN**

Epesi **RAIN** is a cluster of **Redundant Array of Inexpensive Nodes** build with RasPiEsi nodes.

[photo_2023-01-30_19:25:07.jpeg](#)

Image source: <https://www.raspberrypi.com/tutorials/cluster-raspberry-pi-tutorial/>

Sharing your Epesi projects with Epesi team is greatly appreciated. or open a ticket

RasPiEsi image

Custom SD image called **RasPiEsi (Raspberry Pi Epesi)** based on **DietPi** distro was created by Janusz Tylek on 01/30/2023 for download at SourceForge and [Github](#).

[photo_2023-01-30_05:49:03.jpeg](#)

LAMP Stack Variant includes DietPi Linux distro, Lighttpd, MariaDB - tuned config, PHP version 7.4.33 FPM, ZRAM installed, memcached tweaked, mc Midnight Commander, and Custom SD image called.

[photo_2023-01-30_04:30:59.jpeg](#)

RasPiEsi's MIT licence allow you to fork it, customize and distribute.

[epesi-github-header-image.png](#)

Epesi ENS = Enterprise Network System is a cloud native Information Technology ecosystem powered by Epesi BIM application running on top of ubiquitous LAMP stack. Epesi is used to build CRM and ERP solutions to store, organize, access and share structured business records. With Epesi you will manage your data precisely, flexibly and easily, simplifying internal communication and making work-flow more efficient. Epesi has been designed as a Kickstarter project and provides "no code" and "low code" environment for PHP developers, IT Managers, startups and DIY tech savvy professionals like you.

Epesi was translated by user community into 40 languages and received [SourceForge Open Source Excellence Award](#).

Celebrate Epesi's **15th Anniversary!**

Epesi gave you Free & Open Source CRM. Now you can get **Epesi FreeCloud forever** to run it.

Epesi free PAAS is designed for Non-profit foundations, Github developers and LinkedIn members including Business owners, StartUps and **Epesi Academy Interns**. Packages details are available [here](#).

Epesi. Made with love.

[epesi-logo.png](#)

Revision #29

Created 29 January 2023 23:57:00 by Karina Tylek

Updated 30 January 2023 23:06:49 by Karina Tylek