## User manual

The following content is our program interface introduction and operation guide.



The part in the blue box is the menu of our software, where 'EcoMeter' is the name of our software, click on another three lines of phrases to switch to different display pages, currently the 'System Info' page.

The yellow boxes are all of the information displayed on the 'System Info' page, including current time, CPU usage as well as temperature and RAM usage, as well as energy currently used, energy used today and energy consumption today.

EcoMeter   Processes     System Info   PID   CPU Utilisation   Command     50618   1.5%   /home/intel-uc//Desktop/workspace     1249   1.1%   /usr/bin/gnome-shell     4027   0.8%   /snap/firefox/2432/usr/lib/firefox/.     53207   0.1%   /usr/bin/dbus-daemonsession -     52989   0.1%   /proc/setf/exetype=renderet     49834   0.1%   /usr/lib/acdemonsession -     2060   0.1%   /usr/lib/acdemonsession -     3038   0.1%   /usr/lib/acdemonsession -     19   0.1%   /usr/lib/acdemonsession -     19   0.1%   /usr/lib/acdemonsession -     19   0.1%   /usr/lib/acdemonsession -		Syst	System Monitor	
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		719	0.1%	@dbus-daemonsystem

Currently, it shows the 'Processes' screen, where you can see the processes currently underway on the computer, as well as their PID, CPU utilisation and Command.



Currently, it shows the 'Energy report' interface, which allows users to view energy usage in different charts. Users can also see the total amount of energy used today and this week and the corresponding price, and set budget. Users can also switch between different power modes of this computer.

Click on the three buttons in the blue box to change the format of the graph: hourly energy use in a bar chart / total energy use for today according to time / weekly energy use. Currently it shows 'hourly energy use in a bar chart'.

The four buttons in the red box are options to change your computer's

energy consumption, which can be set differently to limit your computer's energy use. The indicators in front of the four buttons indicate different levels of energy use, from high to low in terms of energy consumption and computer performance -- red, orange, yellow and green.



This chart is shown as 'total energy use for today according to time'.



This chart is shown as ' weekly energy use '.