

Personnel Food Computer 3.0 (PFC_EDU)

Specification Sheet

Physical

Exterior	30x30x30 cm, 11.8x11.8x11.8 in
Grow Chamber	20x29x29 cm, 7.875x10.6x10.6 in
Weight W/Water	5.4kg, 12 pounds
Weight W/O Water	3.4 kg, 7.5 pounds
Water Capacity	2 liters, 0.53 gallons

Electrical

Input Voltage	100-240V ~50/60Hz
Input Amperage	1.2A Max
PFC Voltage	24V
PFC Amperage	2.5A Max
Wattage	~60W

Connectivity

Wifi	Standard
USB	Micro USB

Light

Blue	450 Nm
Far Red	720 Nm
Warm White	3000K
Cool White	5000K
Green	520 Nm
Photo Red	660 Nm

Embedded System

Controller	Beagle Bone Black Wireless
Operating System	Debian V9.3
Current Software Version	1.0.4

Sensors

CO2	400ppm – 10000ppm
Air Temperature	-40C-125C +-0.2C, -40F- 257F +-0.4
Humidity	0-100%RH, +-1.8%RH
pH	Range 0-14

