­­­

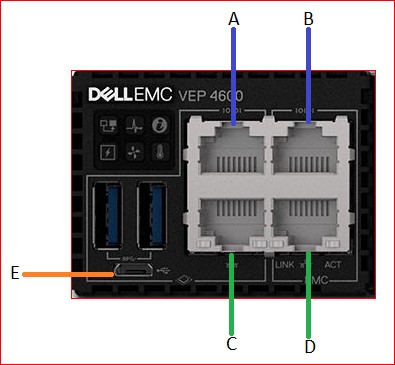
BMC (Baseboard Management Controller)

* The VEP4600 is equipped with an on-board micro controller called Baseboard Management Controller(BMC).
* The BMC provides management capabilities such as automatic alerting, shutdown, restart, Power control etc.

IPMI (Intelligent Platform Management Interface)

* IPMI is a set of computer interface specification that provides management capabilities.
* The BMC is compliant with IPMI specification.
* IPMI is similar to DRAC (Dell Remote Access Control). However, DRAC is vendor specific while IPMI is vendor neutral.
* The functionality of IPMI can be accessed via IPMItool.
* IPMItool is a command prompt, which is used to manage IPMI-enabled devices.

Console Port Description



|  |  |
| --- | --- |
| **Port** | **Description** |
| **Port A** | Serial Console Port to Access CPU |
| **Port B** | Serial Console Port to Access BMC |
| **Port C** | Management Port to Access CPU |
| **Port D** | Management Port to Access BMC |
| **Port E** | USB-B Console port to Access CPU |

HOW16857_en_US__2icon If a cable is connected to Port E (referenced above) even if not in use, the CPU RJ45  (Port A) console port will not work.

Access and Default Settings

Accessing the console ports:

* Port A/E -  Serial/USB-B Console Port to access CPU

                               User Name      : **root**  
                                Password       : **calvin**

HOW16857_en_US__2icon The above login credentials are only for the default installed DIAG OS When installed with any other OS, follows vendor directions.

* Port B -  Serial Console Port to access BMC

                              User Name       : **sysadmin**  
                              Password         : **superuser**

* Accessing BMC through HTTPS

                             User Name        : **admin**  
                             Password          : **admin**

Default Console Settings

Baud Rate : 115200  
Data Bits   : 8  
Stop Bits   : 1  
Parity         : None  
Flow Control : None