



# IRC5 Compact

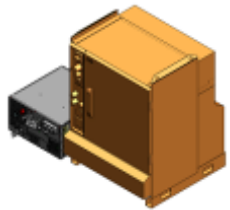
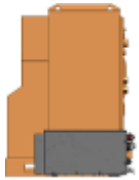
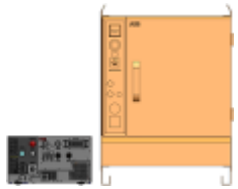
# IRC5 Compact Controller



- **Compact**
  - Easy to integrate, saves space
- **A fully fledged member of IRC5 family**
  - All the benefits of the #1 robot controller
  - No need to re-train
  - Many common spare parts
- **Easy commissioning**
  - Portable
  - One phase 220/230 V
  - External connectors
  - Built-in 16 inputs & 16 outputs
- **Handles robots up to 8 kg payload**

# Single cabinet vs. Compact controller

87% smaller, 81% lighter



**258 x 450 x 565 (H x W x D) = 66 liters**





**Total Weight = 27.5 kg**



**970 x 725 x 710 (H x W x D) = 499 liters**

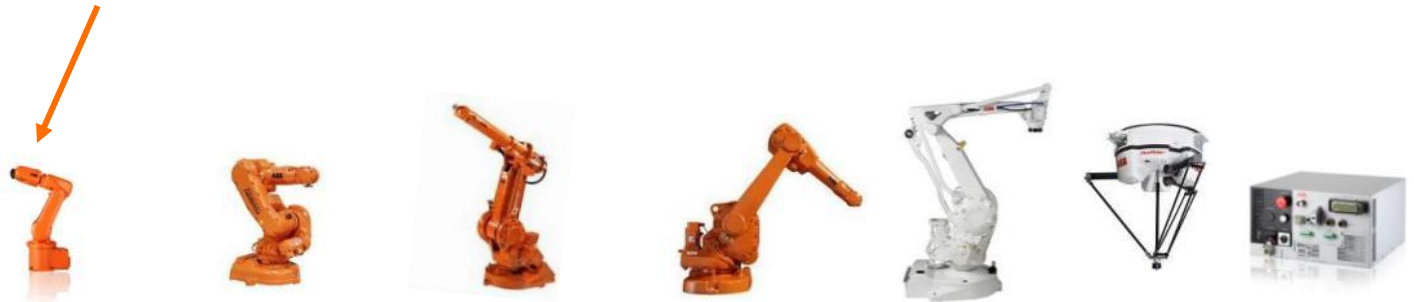
**Total Weight = 142 kg**

# Controller Variant Selection Guide

 <p>Single Cabinet</p>	 <p>Dual Cabinet</p>	 <p>Panel Mounted</p>	 <p>Compact</p>
<ul style="list-style-type: none"> <li>▪ “The standard”</li> </ul>	<ul style="list-style-type: none"> <li>▪ More space</li> <li>▪ Distributable</li> <li>▪ Height</li> <li>▪ Additional robots</li> </ul>	<ul style="list-style-type: none"> <li>▪ Integration</li> <li>▪ Protection</li> <li>▪ Size</li> <li>▪ Cost</li> </ul>	<ul style="list-style-type: none"> <li>▪ Size</li> <li>▪ Cost</li> <li>▪ <i>IRB support</i></li> <li>▪ <i>Options</i></li> <li>▪ <i>Add. equip.</i></li> <li>▪ <i>Protection</i></li> </ul>

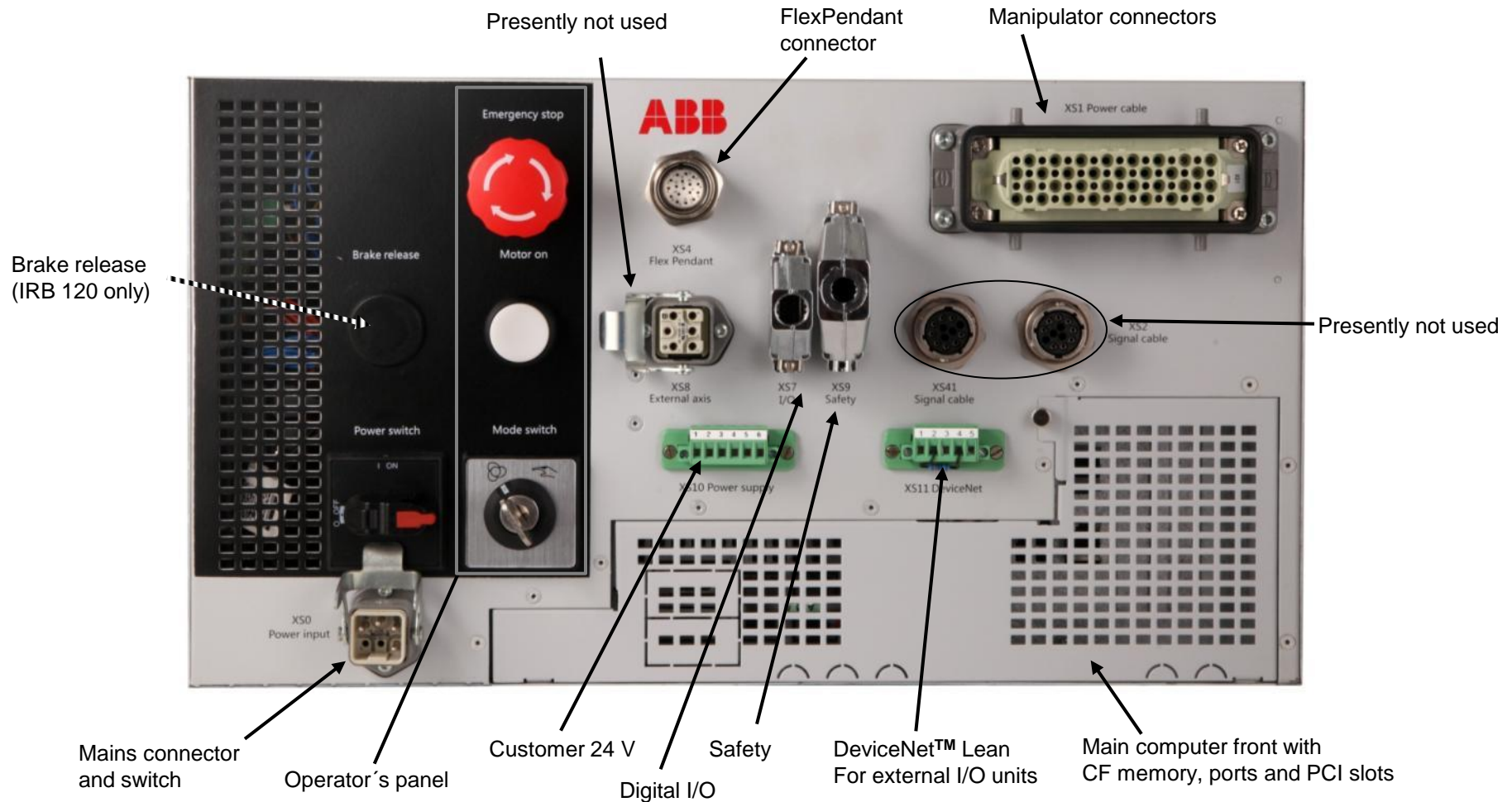
# IRC5 Variants - IRB mapping

5 controller variants available  
unique range for small robot!

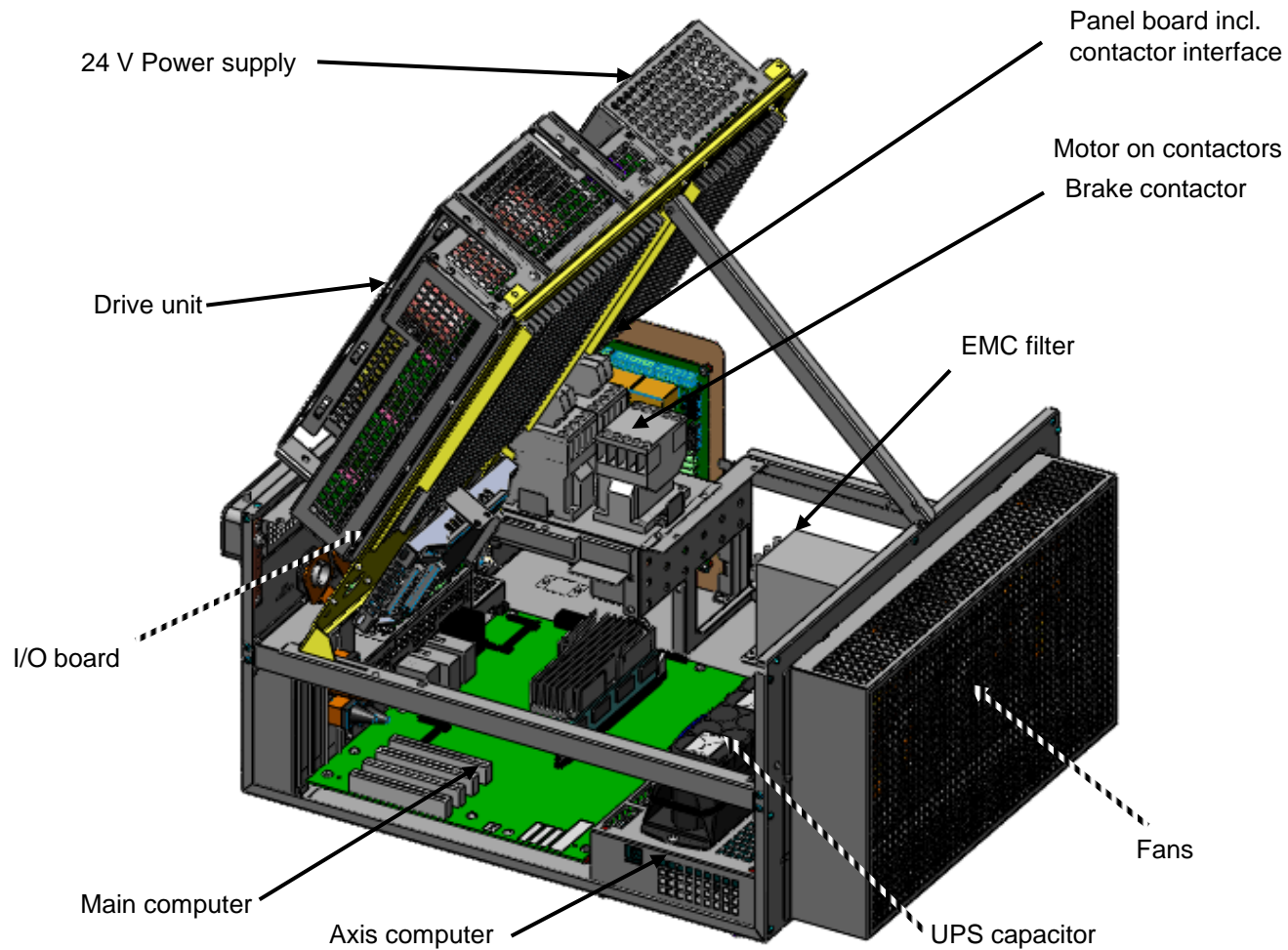


Variant	IRB 120	IRB 140	IRB 1410	IRB 1600	IRB 260	IRB 360	Stand Alone
<b>Compact</b>	Yes	Yes	Yes	Yes	Yes	Yes	Q2 2011
<b>Single Cabinet</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Dual Cabinet</b>	No	Yes	No	Yes	Yes	Yes	Yes
<b>Drive Module only</b>	Yes	Yes	No	Yes	Yes	Yes	Yes
<b>Panel Mounted</b>	Q2 2011	Yes	No	Yes	Yes	Yes	Yes
<b>Panel Mounted drive only</b>	Q2 2011	Yes	No	Yes	Yes	Yes	Yes

# Extensive connectivity



# Inside the IRC5 Compact controller



# Options available



- **Most RobotWare options available.**
  - Including “Prepared for PickMaster”
- **FlexPendant**
- **Most I/O options**
- **Remote Service**
- **Remote operator panel**
  
- **Main limitations**
  - No MultiMove
  - No Force Control (planned for R11.1)
  - No SafeMove
  - No Electronic Positioning Switches (EPS)
  - No additional axes



# Summary

- Fully fledged IRC5 family member
- Same user experience
- Very compact format
- Easy commissioning

Power and productivity  
for a better world™

