$$N = 1$$

$$X' \times Y''$$

warped metric

$$g_{MN} = e^{2A(y)} \, {}^{x}g_{\mu\nu} \, dx^{\mu} dx^{\nu} + {}^{y}g_{mn} \, dy^m dy^n$$

warped susy $\quad \varepsilon^A = {}^{y}a \, \xi^A \, \boxtimes \eta + {}^{y}\bar{a} \, \bar{\xi}^A \, \boxtimes \bar{\eta}$

$$J = \overset{*}{\eta} \overset{2}{\gamma} \eta$$

$$\Omega = \overset{*}{\eta} \overset{3}{\gamma} \eta$$

$$d\overset{*}{\eta} \overset{2}{\gamma} \eta = \underline{\overset{*}{\eta}\overset{2}{\gamma}\eta}_3 + \underline{\overset{*}{\eta}\overset{2}{\gamma}\eta}_0 \, \overset{*}{\eta} \overset{3}{\gamma} \eta + \underline{\overset{*}{\eta}\overset{2}{\gamma}\eta}_1 \wedge \left(\overset{*}{\eta}\overset{2}{\gamma}\eta \right)$$