The group G is isomorphic to the group labelled by [16, 1] in the Small Groups library. Ordinary character table of $G \cong C16$:

	1a	16a	8a	16b	4a	16c	8b	16d	2a	16e	8c	16f	4b	16g	8d	16h
χ_1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
χ_2	1	-1	1	-1	1	-1	1	-1	1	-1	1	-1	1	-1	1	-1
χ_3	1	E(4)	-1	-E(4)	1	E(4)	-1	-E(4)	1	E(4)	-1	-E(4)	1	E(4)	-1	-E(4)
χ_4	1	-E(4)	-1	E(4)	1	-E(4)	-1	E(4)	1	-E(4)	-1	E(4)	1	-E(4)	-1	E(4)
χ_5	1	E(8)	E(4)	$E(8)^{3}$	-1	-E(8)	-E(4)	$-E(8)^{3}$	1	E(8)	E(4)	$E(8)^{3}$	-1	-E(8)	-E(4)	$-E(8)^3$
χ_6	1	-E(8)	E(4)	$-E(8)^{3}$	-1	E(8)	-E(4)	$E(8)^{3}$	1	-E(8)	E(4)	$-E(8)^{3}$	-1	E(8)	-E(4)	$E(8)^{3}$
χ_7	1	$E(8)^{3}$	-E(4)	E(8)	-1	$-E(8)^{3}$	E(4)	-E(8)	1	$E(8)^{3}$	-E(4)	E(8)	-1	$-E(8)^{3}$	E(4)	-E(8)
χ_8	1	$-E(8)^{3}$	-E(4)	-E(8)	-1	$E(8)^{3}$	E(4)	E(8)	1	$-E(8)^3$	-E(4)	-E(8)	-1	$E(8)^{3}$	E(4)	E(8)
χ_9	1	E(16)	E(8)	$E(16)^{3}$	E(4)	$E(16)^{5}$	$E(8)^{3}$	$E(16)^{7}$	-1	-E(16)	-E(8)	$-E(16)^3$	-E(4)	$-E(16)^5$	$-E(8)^{3}$	$-E(16)^7$
χ_{10}	1	-E(16)	E(8)	$-E(16)^3$	E(4)	$-E(16)^5$	$E(8)^{3}$	$-E(16)^7$	-1	E(16)	-E(8)	$E(16)^{3}$	-E(4)	$E(16)^{5}$	$-E(8)^{3}$	$E(16)^7$
χ_{11}	1	$E(16)^{5}$	-E(8)	$-E(16)^7$	E(4)	-E(16)	$-E(8)^{3}$	$E(16)^{3}$	-1	$-E(16)^5$	E(8)	$E(16)^{7}$	-E(4)	E(16)	$E(8)^{3}$	$-E(16)^3$
χ_{12}	1	$-E(16)^5$	-E(8)	$E(16)^{7}$	E(4)	E(16)	$-E(8)^{3}$	$-E(16)^3$	-1	$E(16)^{5}$	E(8)	$-E(16)^{7}$	-E(4)	-E(16)	$E(8)^{3}$	$E(16)^3$
χ_{13}	1	$E(16)^{3}$	$E(8)^{3}$	-E(16)	-E(4)	$-E(16)^7$	E(8)	$E(16)^{5}$	-1	$-E(16)^3$	$-E(8)^{3}$	E(16)	E(4)	$E(16)^{7}$	-E(8)	$-E(16)^5$
χ_{14}	1	$-E(16)^3$	$E(8)^{3}$	E(16)	-E(4)	$E(16)^{7}$	E(8)	$-E(16)^5$	-1	$E(16)^{3}$	$-E(8)^{3}$	-E(16)	E(4)	$-E(16)^7$	-E(8)	$E(16)^5$
χ_{15}	1	$E(16)^{7}$	$-E(8)^{3}$	$E(16)^{5}$	-E(4)	$E(16)^{3}$	-E(8)	E(16)	-1	$-E(16)^{7}$	$E(8)^{3}$	$-E(16)^5$	E(4)	$-E(16)^3$	E(8)	-E(16)
χ_{16}	1	$-E(16)^7$	$-E(8)^3$	$-E(16)^5$	-E(4)	$-E(16)^3$	-E(8)	-E(16)	-1	$E(16)^{7}$	$E(8)^{3}$	$E(16)^{5}$	E(4)	$E(16)^{3}$	E(8)	E(16)

Trivial source character table of $G \cong C16$ at p = 2:

r					
Normalisers N_i	N_1	N_2	N_3	N_4	N_5
p-subgroups of G up to conjugacy in G	P_1	P_2	P_3	P_4	P_5
Representatives $n_j \in N_i$	1a	1 <i>a</i>	1a	1a	1a
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14} + 1 \cdot \chi_{15} + 1 \cdot \chi_{16}$	16	0	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	8	8	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	4	4	4	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	2	2	2	2	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	1	1	1	1	1

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P_1 = Group([()]) \cong 1
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 $N_1 = Group([(1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16)]) \cong C16$

 $N_4 = Group([(1,3,5,7,9,11,13,15)(2,4,6,8,10,12,14,16),(1,5,9,13)(2,6,10,14)(3,7,11,15)(4,8,12,16),(1,9)(2,10)(3,11)(4,12)(5,13)(6,14)(7,15)(8,16),(1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16)]) \cong C16$ $N_5 = Group([(1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16),(1,3,5,7,9,11,13,15)(2,4,6,8,10,12,14,16),(1,5,9,13)(2,6,10,14)(3,7,11,15)(4,8,12,16),(1,9)(2,10)(3,11)(4,12)(5,13)(6,14)(7,15)(8,16)]) \cong C16$

 $P_2 = Group([(1,9)(2,10)(3,11)(4,12)(5,13)(6,14)(7,15)(8,16)]) \cong C2$

 $P_3 = Group([(1, 5, 9, 13)(2, 6, 10, 14)(3, 7, 11, 15)(4, 8, 12, 16)]) \cong C4$

 $P_4 = Group([(1, 3, 5, 7, 9, 11, 13, 15)(2, 4, 6, 8, 10, 12, 14, 16)]) \cong C8$

 $P_5 = Group([(1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16), (1, 3, 5, 7, 9, 11, 13, 15)(2, 4, 6, 8, 10, 12, 14, 16), (1, 5, 9, 13)(2, 6, 10, 14)(3, 7, 11, 15)(4, 8, 12, 16), (1, 9)(2, 10)(3, 11)(4, 12)(5, 13)(6, 14)(7, 15)(8, 16)]) \cong C16$

 $N_2 = Group([(1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16)]) \cong C16$

 $N_3 = Group([(1,5,9,13)(2,6,10,14)(3,7,11,15)(4,8,12,16),(1,9)(2,10)(3,11)(4,12)(5,13)(6,14)(7,15)(8,16),(1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16)]) \cong C16$